



US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

PUBLIC NOTICE

In replying refer to:

Public Notice Number: 2003-00238-YS
Issue Date: February 2, 2005
Expiration Date: March 4, 2005

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Putnam County Division of Planning and Development
841 Fair Street
Carmel, NY 10512

ACTIVITY: Discharge of fill material into approximately 0.4021 acres of waters of the United States in association with the construction of a recreational trail to be known as Putnam Bikeway II, Stages 2 and 3

WATERWAY: Michael Brook and Middle Branch Croton River (Hudson River Basin)

LOCATION: Towns of Carmel and Southeast, Putnam County, New York.

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE,
otherwise, it will be presumed that there are no objections to the activity.

CENAN-OP-RW
PUBLIC NOTICE NO. 2003-00238-YS

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.


Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (212) 264-0183 and ask for Brian A. Orzel.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>

FOR 
Richard L. Tomer
Chief, Regulatory Branch

Enclosures

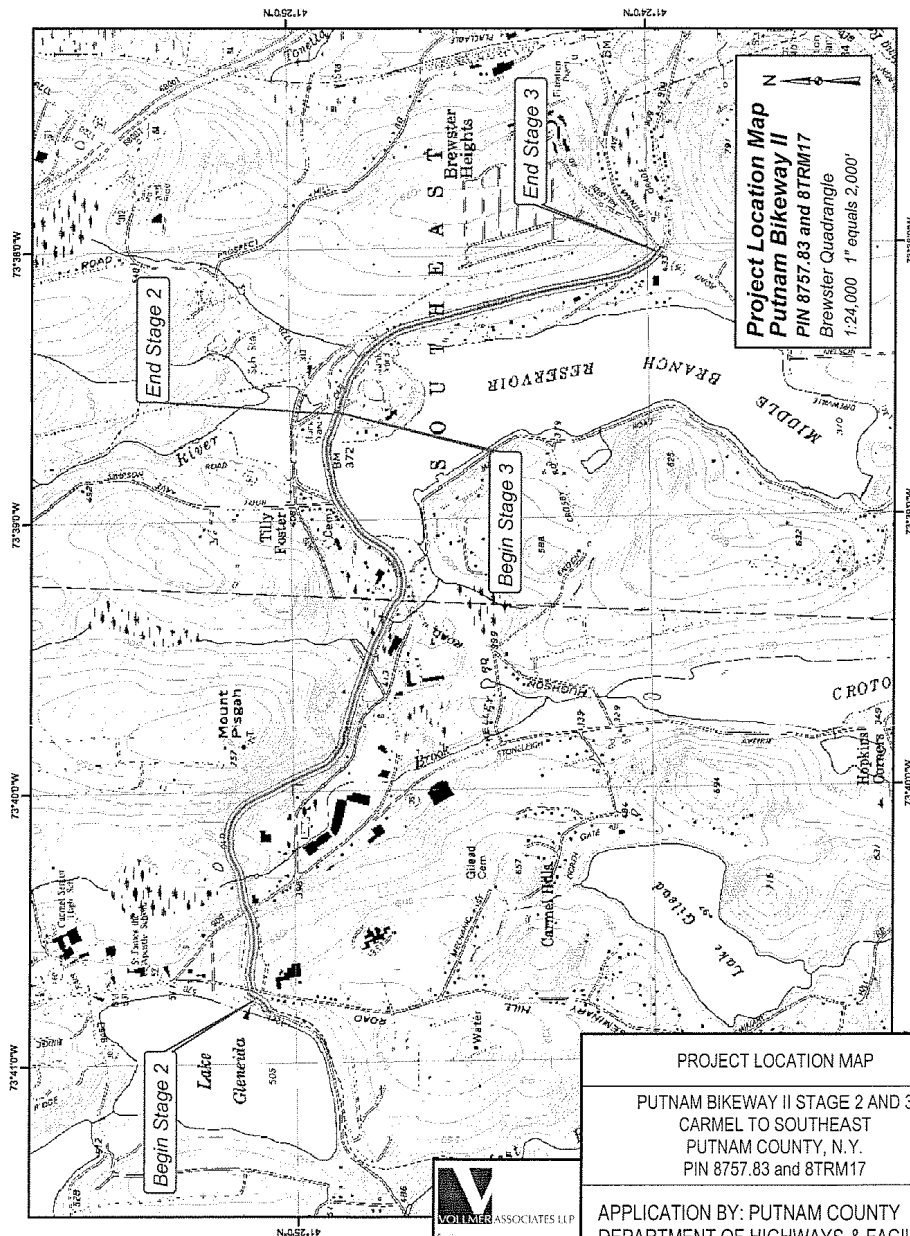
CENAN-OP-RW
PUBLIC NOTICE NO. 2003-00238-YS

WORK DESCRIPTION

The applicant, the Putnam County Division of Planning and Development, has requested Department of the Army authorization for the discharge of fill material into waters of the United States in association with the construction of a recreational trail to be known as Putnam Bikeway II, Stages 2 and 3. The trail would extend from Seminary Hill Road in the Town of Carmel, Putnam County, New York to Putnam Avenue in the Town of Southeast, Putnam County, New York.

The project would be located mostly within the alignment of the abandoned New York Central railroad bed, resulting in the placement of fill material into a total of approximately 0.4021 acres of waters of the United States. The applicant proposes a wetland mitigation plan which includes the creation of approximately 0.4939 acres of wetlands.

The stated purpose of the work is to develop a bicycle path that will provide an alternative to motorized transportation in the area.



Project Location Map
Putnam Bikeway II
 PIN 8757.83 and 8TRM17
 Brewster Quadrangle
 1:24,000 1" equals 2,000'

PROJECT LOCATION MAP		
PUTNAM BIKEWAY II STAGE 2 AND 3 CARMEL TO SOUTHEAST PUTNAM COUNTY, N.Y. PIN 8757.83 and 8TRM17		
APPLICATION BY: PUTNAM COUNTY DEPARTMENT OF HIGHWAYS & FACILITIES		
SHEET 1 OF 45	REGION EIGHT	DATE 09-24-04

V
 VOLUME ASSOCIATES LLP
 Engineers
 Architects
 Landscape Architects
 Surveyors
 Planners

DATE/TIME : 09/23/04 01:23:56
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NATIONAL GEODETIC VERTICAL DATUM OF 1929

LEGEND:

- (A) EXISTING WETLANDS AREA
- (E) EXISTING OPEN WATER WETLANDS AREA
- (D) EXISTING ISOLATED WETLANDS AREA

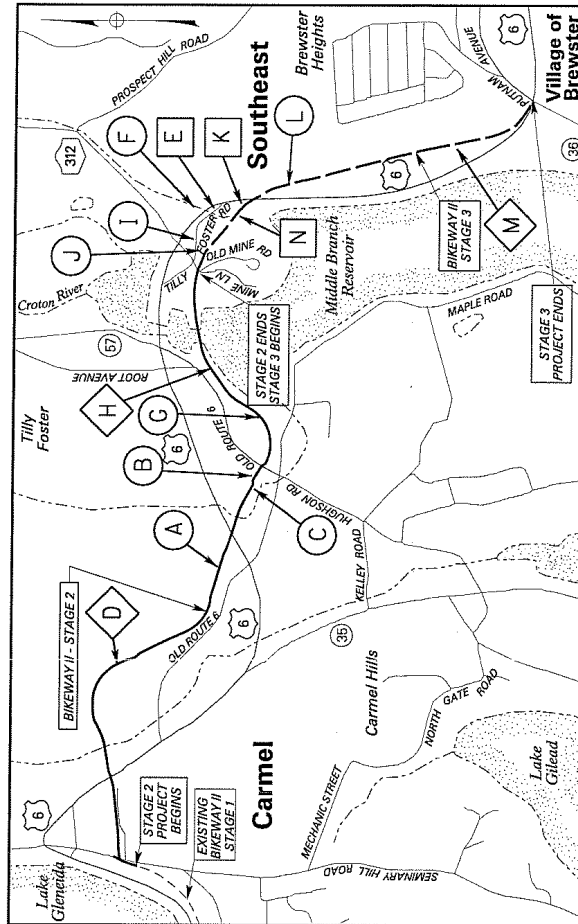
WATERS OF THE UNITED STATES MAP
 PUTNAM BIKEWAY II STAGE 2 AND 3
 CARMEL TO SOUTHEAST
 PUTNAM COUNTY, N.Y.
 PIN 8757.83 AND 8TRM17

APPLICATION BY: PUTNAM COUNTY
 DEPARTMENT OF HIGHWAYS & FACILITIES

SHEET 2 OF 45

REGION
 EIGHT

DATE
 09-24-04



NOT TO SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

TABLE OF WETLANDS

AREA	STA FROM/TO	TOTAL AREA SQ. M/ACRES	DISTURBANCE AREA SQ. M/ACRES	MITIGATION AREA SQ. M/ACRES	TYPE
A	11+245 to 11+420 N	6,358.38 1.5712	439.11 0.1085	1,020.23 0.2521	PFO
B	11+675 to 11+935 N	7,518.95 1.8580	56.02 0.0138	811.77 0.2006	PFO
C	11+460 to 11+875 S	7,453.66 1.8418	542.02 0.1339	166.70 0.0412	PEM/PSS/PFO
D ²	10+579 to 10+581 N	10.77 0.0027	2.21 0.0006	-	PFO
E ¹	13+360 to 13+420 N	8.70 0.0022	-	-	PSS/PFO
F	13+360 to 13+420 N	838.72 0.2072	-	-	PSS
G	12+000 to 12+340 N	590.39 0.1459	590.39 0.1459	-	PEM
H ²	12+550 to 12+560	91.27 0.0226	91.27 0.0226	-	PFO
I	13+185 to 13+245 N	1,021.81 0.2525	-	-	PEM
J	13+145 to 13+195 N	811.34 0.2005	-	-	PFO
K ¹	13+465 to 13+515 E	85.12 0.0210	-	-	POW
L	13+750 to 13+770 W	101.59 0.0251	-	-	PFO
M ²	14+855 to 14+990 W	264.86 0.0654	-	-	PEM
N ¹	13+495 to 13+520 W	101.18 0.0250	-	-	PFO
MBR ¹	12+310 to 12+960	22,338.33 5.5199	-	-	POW
PROJECT TOTAL	Federal Jurisdictional Wetlands	24694.48 6.1022	1627.54 0.4021	1998.70 0.4939	-
	Existing Open Water Wetlands Area ¹	22,533.33 5.5681	-	-	-
	Existing Isolated Wetlands Area ²	366.90 0.0907	683.87 0.1690	-	-

1 - EXISTING OPEN WATER WETLANDS AREA

2 - EXISTING ISOLATED WETLANDS AREA

MBR - MIDDLE BRANCH RESERVOIR

PEM - PALUSTRINE EMERGENT WETLAND

PFO - PALUSTRINE FORESTED WETLAND

POW - PALUSTRINE OPEN WATER WETLAND

PSS - PALUSTRINE SCRUB/SCRUB WETLAND

NOTE: AREAS "E", "F" & "I" ARE OUTSIDE
THE PROJECT MAPPING LIMITS.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

WETLANDS TABLE

PUTNAM BIKEWAY II STAGE 2 AND 3
CARMEL TO SOUTHEAST
PUTNAM COUNTY, N.Y.
PIN 8757.83APPLICATION BY: PUTNAM COUNTY
DEPARTMENT OF HIGHWAYS & FACILITIES

SHEET 3 OF 45

REGION
EIGHTDATE
09-24-04VOLLMER ASSOCIATES LLP
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Montebello, NY 10901-4241
Tel: 845.369.9016
Fax: 845.369.9017DATE/TIME = DGNASTIME0123456
USER = DGNUSERNAME

DATE/TIME = DGN\$SYTIME0123456
USER = DGN\$USERNAME

SUMMARY OF WETLAND MITIGATION CHARACTERISTICS						
Wetland Mitigation Area	Sheet Numbers	Existing Land Use	Proposed Wetland Type and Size	Buffer Area of Proposed Wetlands	Hydrology of Proposed Wetlands	Replaced Wetland Function
A	7	Upland Forested Adjacent to Palustrine Forested Wetlands	PFO 1,020.23 SQM 0.2521 ACRE	Railroad Embankment	Overland flow, Precipitation	Nutrient/sediment retention, wildlife habitat
B	8, 9 & 10	Upland Forested Adjacent to Palustrine Forested Wetlands	PFO 811.77 SQM 0.2006 ACRE	Railroad Embankment	Overland flow, Precipitation	Nutrient/sediment retention, wildlife habitat
C	8, 9 & 10	Upland Scrub-Shrub, Forested Adjacent to Palustrine Forested Wetlands	PSS/PFO 166.70 SQM 0.0412 ACRE	Railroad Embankment	Overland flow, Precipitation	Nutrient/sediment retention, wildlife habitat
PROJECT TOTAL			1998.70 SQM 0.4939 ACRE			

NOTE: EXISTING SOIL SIMILAR TO ADJOINING WETLANDS

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WETLANDS MITIGATION CHARACTERISTICS

PUTNAM BIKEWAY II STAGE 2
CARMEL TO SOUTHEAST
PUTNAM COUNTY, N.Y.
PIN 8757.83

APPLICATION BY: PUTNAM COUNTY
DEPARTMENT OF HIGHWAYS & FACILITIES

SHEET 4 OF 45

REGION
EIGHT

DATE
09-24-04



WETLAND MITIGATION NOTES:

1. THE WORK IN FEDERAL JURISDICTIONAL WETLANDS SHOWN ON THESE PLANS IS AUTHORIZED BY A UNITED STATES ARMY CORPS OF ENGINEERS SECTION 404/10 PERMIT. ANY WORK IN WETLAND AREAS NOT SHOWN ON THE PLANS SHALL NOT BE DONE WITHOUT FIRST CONTACTING THE REGIONAL ENVIRONMENTAL CONTACT AND NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
2. PRIOR TO THE START OF CLEARING AND GRUBBING AND/OR ANY CONSTRUCTION ADJACENT TO THE WETLANDS, THE ENGINEER IN CHARGE SHALL VERIFY THE LOCATION(S) OF THE AREAS TO BE PRESERVED, AND THE TREES TO BE SAVED. NO DISTURBANCE SHALL BE ALLOWED WITHIN THE BOUNDARIES OF THE WETLAND AREAS TO BE PRESERVED AS SHOWN ON THE PLANS AND AS DELINEATED WITH TREE/VEGETATION PROTECTION BARRIER AND/OR SILT FENCE. EROSION CONTROL MEASURES AS INDICATED ON PLANS SHALL BE PLACED AS CLOSE AS POSSIBLE TO THE EDGE OF THE EXISTING WETLANDS TO BE PRESERVED WITHOUT INTERFERING WITH GRADING OPERATIONS.
3. IN ORDER TO PROMOTE THE EARLY DEVELOPMENT OF PLANT MATERIAL WITHIN THE WETLANDS TO BE CONSTRUCTED, THE CONTRACTOR SHALL EXCAVATE AND CONSTRUCT THE WETLAND AS EARLY IN THE CONSTRUCTION SEQUENCE AS POSSIBLE. HOWEVER, WETLAND EXCAVATION CONSTRUCTION SHALL ADHERE TO THE REQUIREMENTS AS STATED IN THE EARTHWORK STAGING PLANS.
4. PRIOR TO FINISH GRADING OF THE WETLAND MITIGATION AREAS, THE ENGINEER IN CHARGE SHALL BE NOTIFIED TO VERIFY THE FINAL SHAPE OF THE WETLAND AREA AND THAT THE PROPER WATER DEPTH WILL BE OBTAINED AT THE BOTTOM ELEVATIONS SPECIFIED. FURTHER EXCAVATION AND/OR FILLING MAY BE ORDERED AND IS TO BE CARRIED OUT UNDER ITEMS 203.02 M AND 203.03 M.
5. ESTABLISHING TURF (ITEM 610.0203 M) SHALL IMMEDIATELY FOLLOW FINISH GRADING. NEW LANDSCAPING SHALL BE PLANTED FOLLOWING FINISH GRADING AND AS SEASONAL REQUIREMENTS PERMIT.
6. WHEN EXCAVATING FOR THE BIKEWAY THROUGH AN EXISTING WETLAND AREA EXCAVATED WETLAND TOPSOIL SHALL BE STOCKPILED AND USED IN THE WETLAND MITIGATION PRIOR TO THE USE OF ANY OTHER TOPSOIL.
7. TOPSOIL PLACED IN THE WETLAND MITIGATION AREAS SHALL BE AMENDED WITH AN ORGANIC MATERIAL TO OBTAIN AN 8% - 10% ORGANIC MATERIAL CONTENT. ONLY AFTER TOPSOIL STOCKPILE HAS BEEN AMENDED AND APPROVED CAN IT BE PLACED IN THE MITIGATION AREAS.
8. WETLAND CONSTRUCTION CAN BE MODIFIED TO COINCIDE WITH NATURAL CONTOURING AND MATERIAL OF THE AFFECTED AREA. A MINIMUM OF TWO FEET MUST BE MAINTAINED ABOVE ANY UNDERLYING BEDROCK. THE DESIGNED WETLAND SIZE SHALL BE MAINTAINED AT A MINIMUM. THE INTENT IS TO SAVE SELECTED EXISTING VEGETATION AND TO CREATE A NATURALISTIC EDGE. ANY MODIFICATIONS MUST REMAIN WITHIN THE COUNTY AND STATE RIGHT-OF-WAY AND SHALL BE APPROVED BY THE ENGINEER IN CHARGE.
9. WETLAND AREAS TEMPORARILY DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE AREAS SHOWN ON THE PLANS. THESE AREAS SHOULD BE RE-GRADED TO THE PRE-CONSTRUCTION CONTOURS INCLUDING THE PLACEMENT OF 75mm WETLAND TOP SOIL (ITEM 08613.03 M) AND SEEDED (ITEM 11610.020301 M) AS SOON AS WORK IN THESE AREAS IS FINISHED.
10. INDIVIDUAL PLANTING AREAS SHALL BE STAKED OUT IN THE WETLAND MITIGATION AREAS BY THE CONTRACTOR AND APPROVED BY THE ENGINEER IN CHARGE PRIOR TO PLANTING.
11. SOIL TYPES UDORTHENTS, WET SUBSTRATUM, SILTY CLAY LOAM EXIST WITHIN THE PROPOSED WETLAND MITIGATION EXCAVATION AREAS. SIMILAR SOIL TYPES EXIST WITHIN THE ABUTTING WETLANDS. AND THEY SHOULD BE CAPABLE OF SUPPORTING THE NEW WETLAND HYDROLOGY. EXISTING WETLAND SOIL FROM DISTURBED AREAS SHALL BE REUSED WITHIN THE PROPOSED WETLAND MITIGATION AREAS TO PROMOTE PLANT GROWTH. THE SOIL SHOULD BE SPREAD AT A THICKNESS OF 75mm. THE EXISTING WETLAND AREAS HAVE AN OVERLAND FLOW / PRECIPITATION SOURCE OF HYDROLOGY. THE PROPOSED MITIGATION AREAS ARE A MINIMAL PERCENTAGE OF THE EXISTING ADJOINING WETLAND AREAS, THEREFORE THE EXISTING HYDROLOGY WILL BE ADEQUATE AND RELIABLE.

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WETLAND MITIGATION NOTES

PUTNAM BIKEWAY II STAGE 2
CARMEL TO SOUTHEAST
PUTNAM COUNTY, N.Y.
PIN 8757.83

APPLICATION BY: PUTNAM COUNTY
DEPARTMENT OF HIGHWAYS & FACILITIES

SHEET 5 OF 45

REGION
EIGHT

DATE
09-24-04

REVISED ON 12-10-04

N
NOTES ASSOCIATES LLP
400 Rte. 9W, Suite 110
Montebello, NY 10801-4241
Tel: #45.169.9016
Fax: #45.169.9017

DATE/TIME: 09/24/04 12:34:56
USER: DONALD.BRANDE

DATE/TIME : DONSSY/TIME 0123456
USER : DONSSY/NAME

WETLAND MITIGATION AREA "A" - 1020.23 SM				
PLANT LIST				
SYM.	QTY.	BOTANICAL/COMMON NAME	SIZE	ITEM
TREES				
AR	15	ACER RUBRUM / RED MAPLE	40 mm CAL.	611.010133
FP	10	FRAXINUS PENNSYLVANICA / GREEN ASH	40 mm CAL.	611.010133
UA	6	ULMUS AMERICANA / AMERICAN ELM	40 mm CAL.	611.010133
SHRUBS				
AS	5	ALNUS SERRULATA / SMOOTH ALDER	0.6 m HT.	611.010143
CA	5	CORNUS AMOMUM / SILKY DOGWOOD	0.6 m HT.	611.010143
CS	5	CORNUS STOLONIFERA / REDOSIER DOGWOOD	0.6 m HT.	611.010143
VD	5	VIBURNUM DENTATUM / ARROW WOOD	0.6 m HT.	611.010143
ESTABLISHING TURF IN WETLAND AREAS - WETLAND SEED MIX				
STATION TO STATION		SIDE	QTY.	ITEM
11+220 TO 11+270		LT	1122 m ²	11610.020301

WETLAND MITIGATION AREA "B" - 811.77 m ²				
PLANT LIST				
SYM.	QTY.	BOTANICAL/COMMON NAME	SIZE	ITEM
TREES				
AR	5	ACER RUBRUM / RED MAPLE	40 mm CAL.	611.010133
PB	5	POPLUS BALSAMIFERA / BALSAM POPLAR	40 mm CAL.	611.010133
LL	5	LARIX LARICINA / TAMARACK	40 mm CAL.	611.010133
SHRUBS				
CA	9	CORNUS AMOMUM / SILKY DOGWOOD	0.6 m HT.	611.010143
EA	8	IIEX VERTICILLATA / WINTERBERRY	0.6 m HT.	611.010143
CL	5	CLETHRA ALNIFOLIA / SWEET PEPPERBUSH	0.6 m HT.	611.010143
VD	8	VIBURNUM DENTATUM / ARROW WOOD	0.6 m HT.	611.010143
ESTABLISHING TURF IN WETLAND AREAS - WETLAND SEED MIX				
STATION TO STATION		SIDE	QTY.	ITEM
11+660 TO 11+830		LT	892 m ²	11610.020301

WETLAND MITIGATION AREA "C" - 166.70 SM				
PLANT LIST				
SYM.	QTY.	BOTANICAL/COMMON NAME	SIZE	ITEM
SHRUBS				
CA	2	CORNUS AMOMUM / SILKY DOGWOOD	0.6 m HT.	611.010143
CL	2	CLETHRA ALNIFOLIA / SWEET PEPPERBUSH	0.6 m HT.	611.010143
VD	2	VIBURNUM DENTATUM / ARROW WOOD	0.6 m HT.	611.010143
ESTABLISHING TURF IN WETLAND AREAS - WETLAND SEED MIX				
STATION TO STATION		SIDE	QTY.	ITEM
11+660 TO 11+810		RT	184 SM	11610.020301

NYS DOT WETLAND SEED MIX ITEM 11610.020301 M	
GENUS / SPECIES	% BY WEIGHT
ACER CALANMUS	2 %
ANGELICA ATROPURPUREA	5 %
ASCLEPIAS INCARNATA	7 %
ASTER NOVAE-ANGLIAE	1 %
ASTER NOVI-BELGII	1 %
CALTHA PALUSTRIS	1 %
CAREX CRINITA	7 %
CAREX STRICTA	1 %
CAREX VULPINOIDEA	15 %
CHELONE GLABRA	4 %
DULICHUM ARUNDINACEUM	1 %
EUPATORIUM PERFORIATUM	6 %
IRIS VERSICOLOR	9 %
JUNCUS CANADENSIS	1 %
JUNCUS EFFUSUS	5 %
LEERSIA ORYZOIDES	11 %
SCIRPUS ATROVIRENS	5 %
SCIRPUS CYPERINUS	5 %
VERNONIA NOVEBORACENSIS	7 %
HIBISCUS MOSCHEUTOS	2 %
SOLIDAGO GIGANTEA	5 %

RECOMMENDED SEEDING RATE: 15 LBS/ACRE
ESTIMATE PROJECT TOTAL = 7.4 LBS

NOTE: INDIVIDUAL PLANTING AREAS SHALL BE
STAKED OUT IN THE WETLAND
MITIGATION AREAS PRIOR TO PLANTING.

SEE SHT. 5 FOR WETLAND MITIGATION NOTES.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

WETLAND TABLES

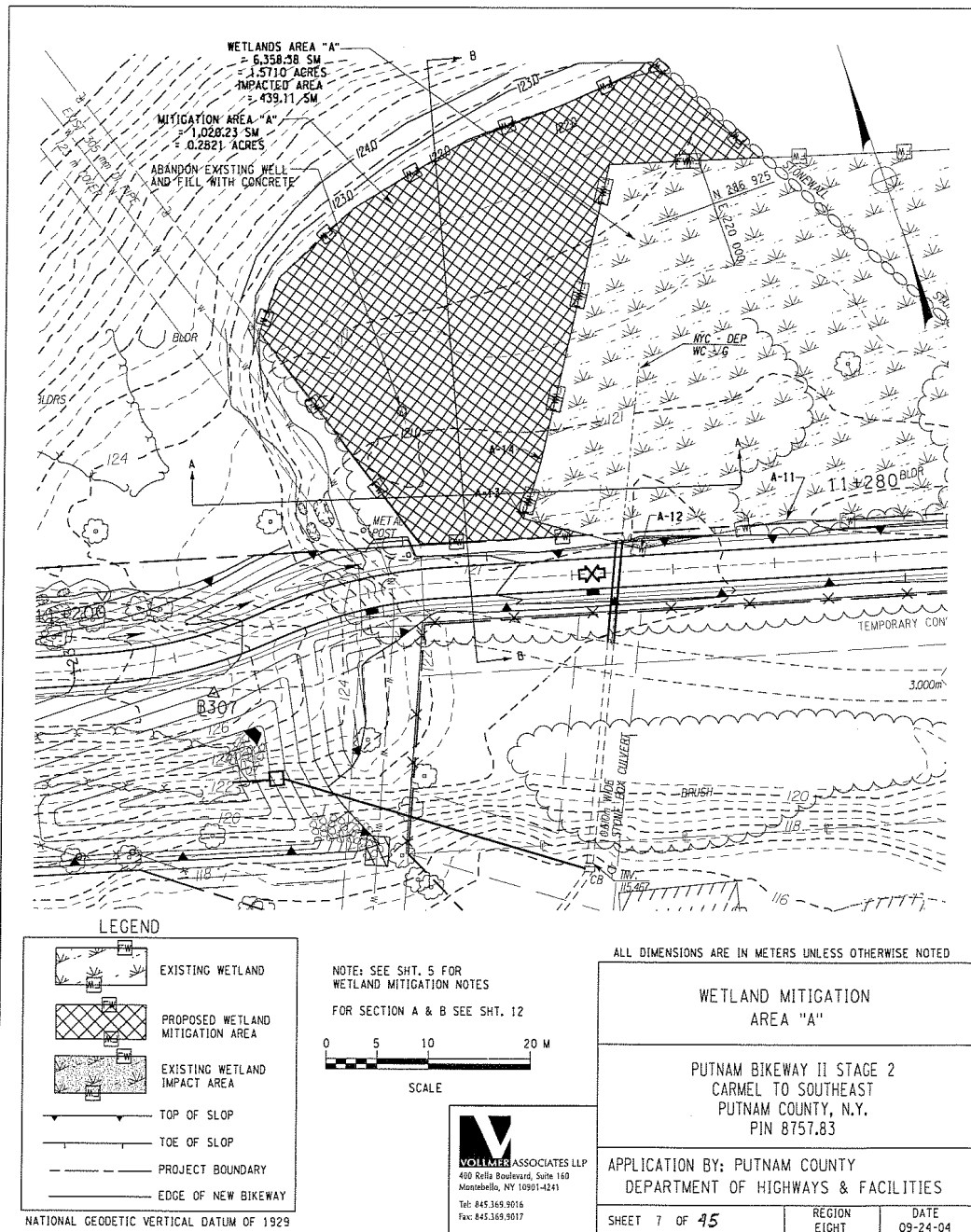
PUTNAM BIKEWAY II STAGE 2
CARMEL TO SOUTHEAST
PUTNAM COUNTY, N.Y.
PIN 8757.83

APPLICATION BY: PUTNAM COUNTY
DEPARTMENT OF HIGHWAYS & FACILITIES

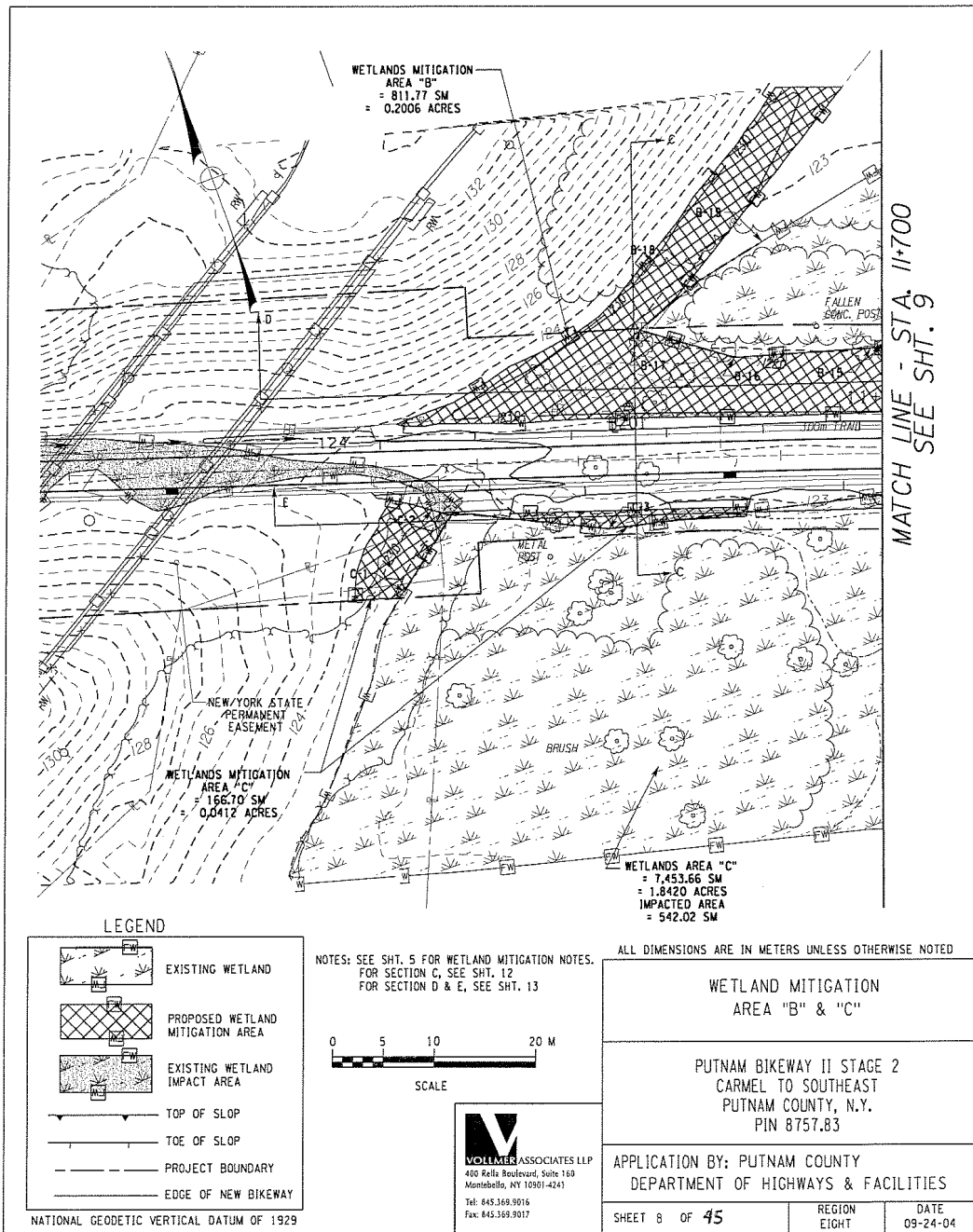
SHEET 6 OF 45 REGION EIGHT DATE 09-24-04

REVISED ON 12-10-04

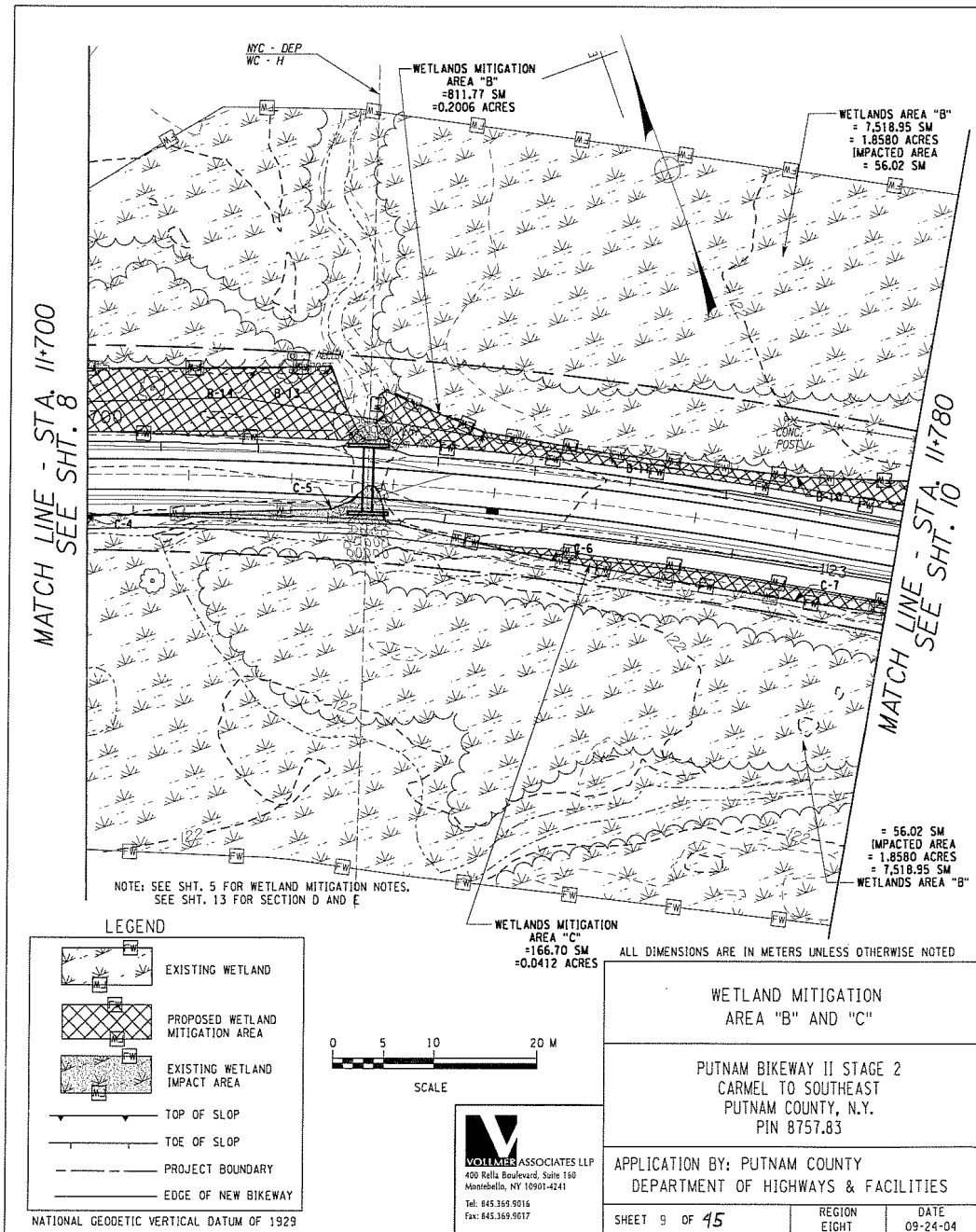
WOLLMER ASSOCIATES LLP
400 Reife Boulevard, Suite 100
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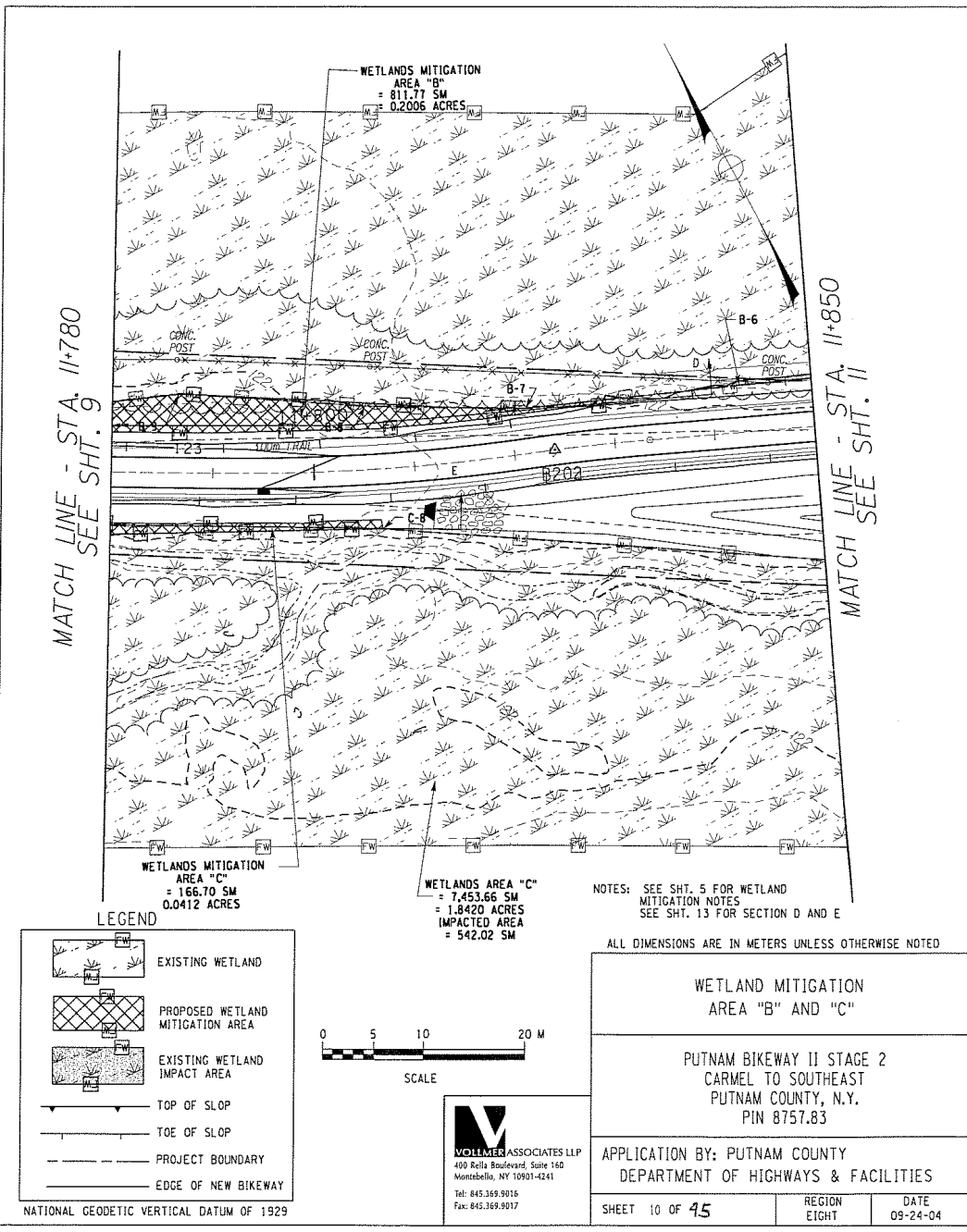
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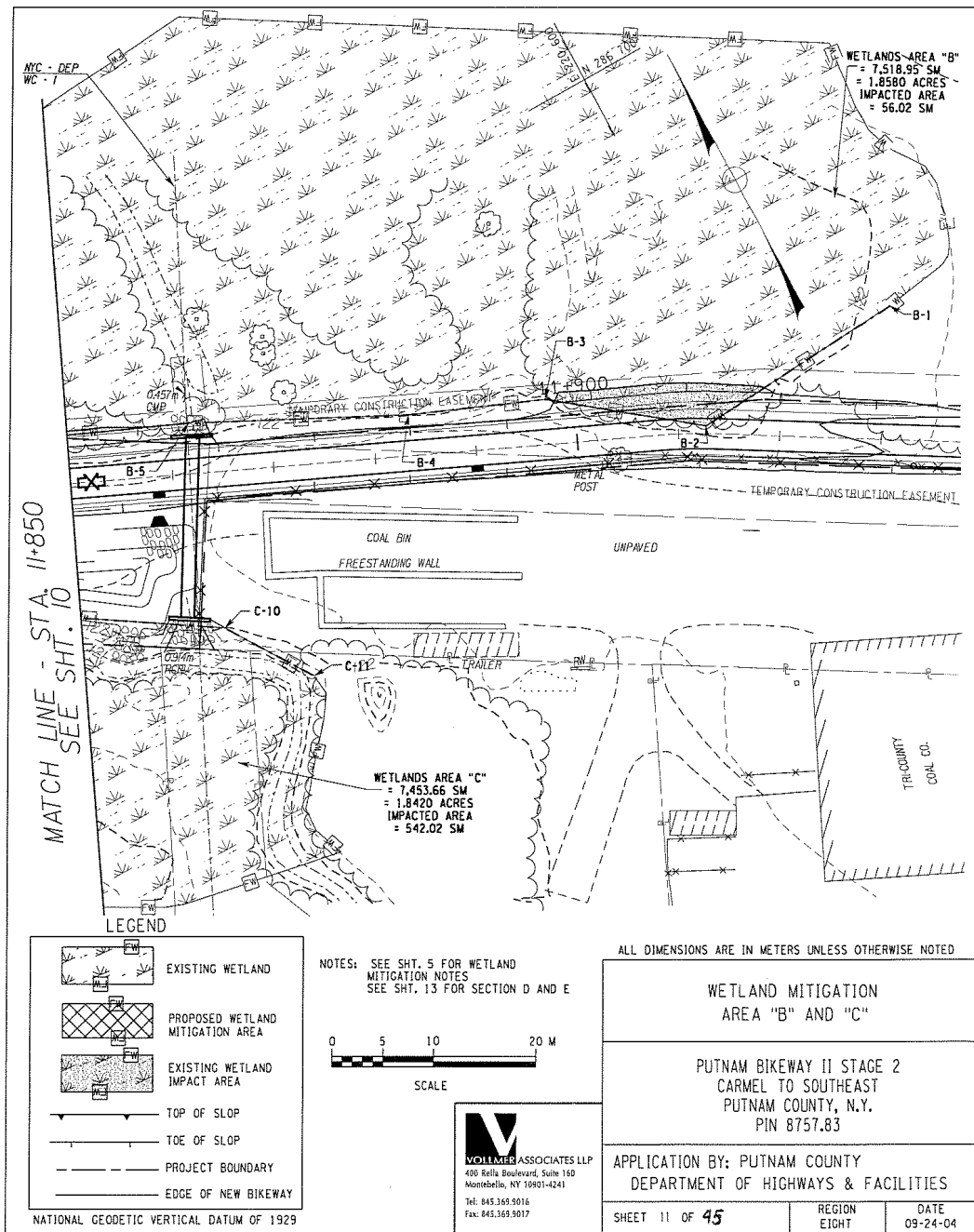


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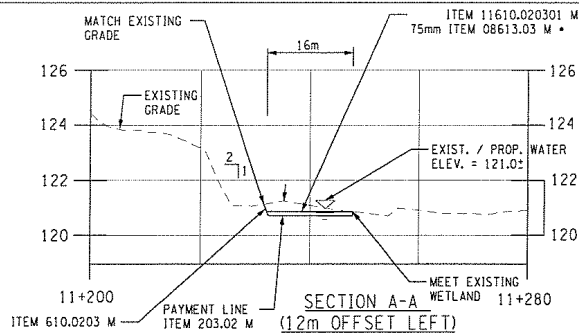


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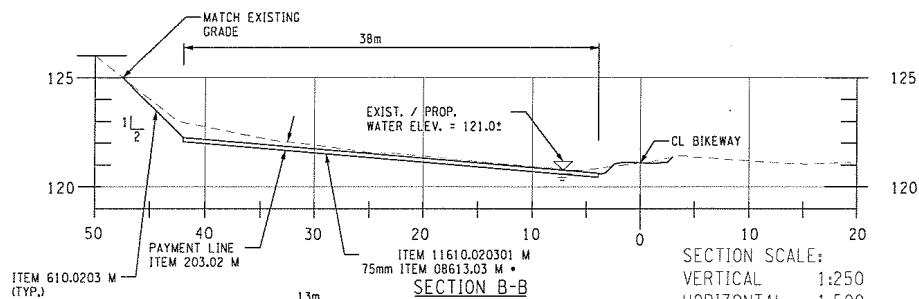
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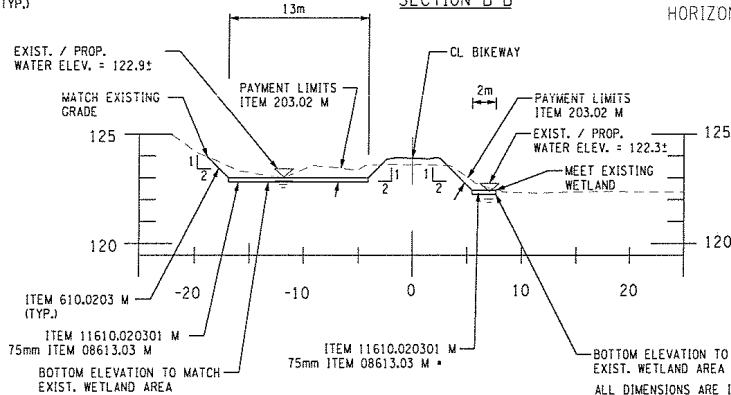
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SECTION SCALE:
VERTICAL 1:200
HORIZONTAL 1:1000



SECTION SCALE:
VERTICAL 1:250
HORIZONTAL 1:500



SECTION SCALE:
VERTICAL 1:250
HORIZONTAL 1:500

NOTE:

THE ABOVE CROSS SECTIONS ARE GENERAL SECTIONS THROUGH THE WETLAND AREAS AND ARE NOT NECESSARILY SHOWING EXACTLY HOW THE AREA WOULD BE EXCAVATED. THE CONTRACTOR SHALL COORDINATE WITH THE FIELD ENGINEER FOR WETLAND EXCAVATION AND FINAL GRADING.

- SEE WETLAND MITIGATION NOTE 11 ON SHEET 5.

REVISED ON 12-10-04

VOLLMER ASSOCIATES LLP
400 Natick Boulevard, Suite 140
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**WETLAND MITIGATION
SECTIONS - 2**

PUTNAM BIKEWAY II STAGE 2
CARMEL TO SOUTHEAST
PUTNAM COUNTY, N.Y.
PIN 8757.83

APPLICATION BY: PUTNAM COUNTY
DEPARTMENT OF HIGHWAYS & FACILITIES

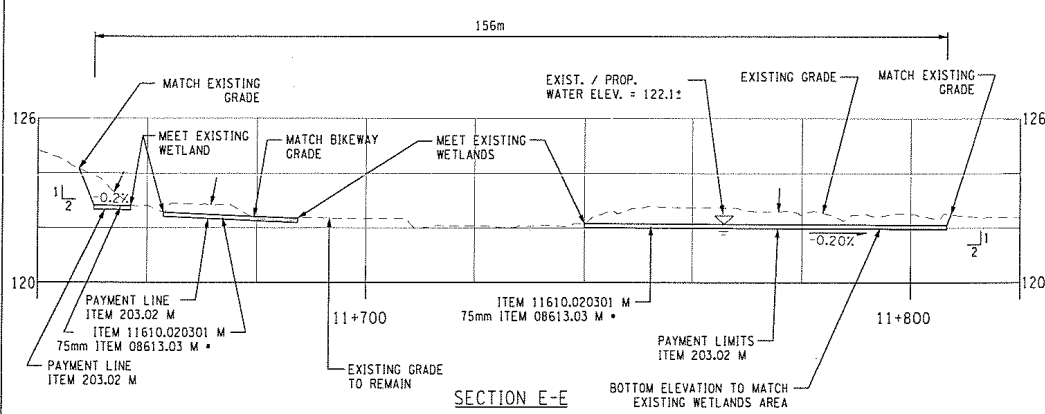
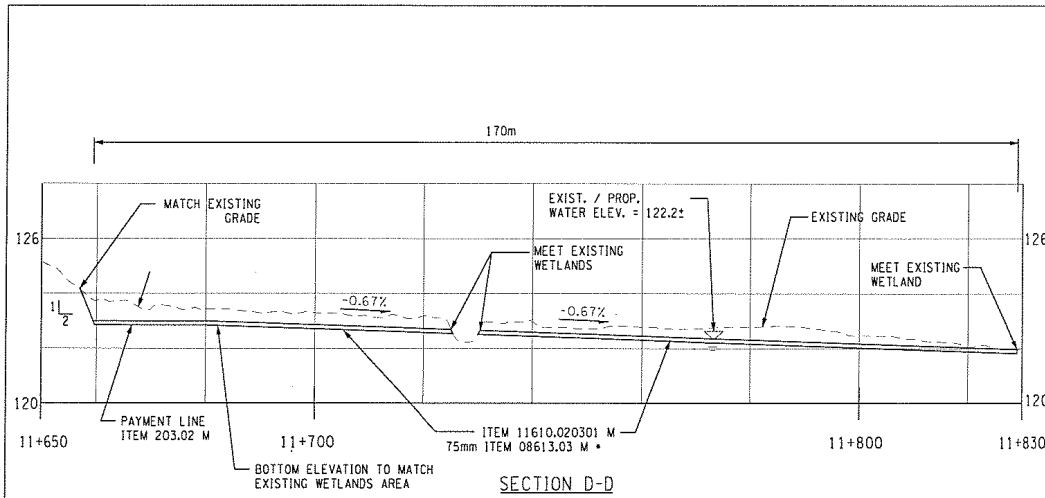
SHEET 12 OF 45

REGION
EIGHT

DATE
09-24-04

NATIONAL GEODETIC VERTICAL DATUM OF 1929

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USER = DENISEPHAN



SECTION SCALE:
 VERTICAL 1:200
 HORIZONTAL 1:1000

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• SEE WETLAND MITIGATION NOTE 11 ON SHEET 5.

NATIONAL GEODETIC VERTICAL DATUM OF 1929

REVISED ON 12-10-04

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WETLAND MITIGATION
 SECTIONS - 2

PUTNAM BIKEWAY II STAGE 2
 CARMEL TO SOUTHEAST
 PUTNAM COUNTY, N.Y.
 PIN 8757.83

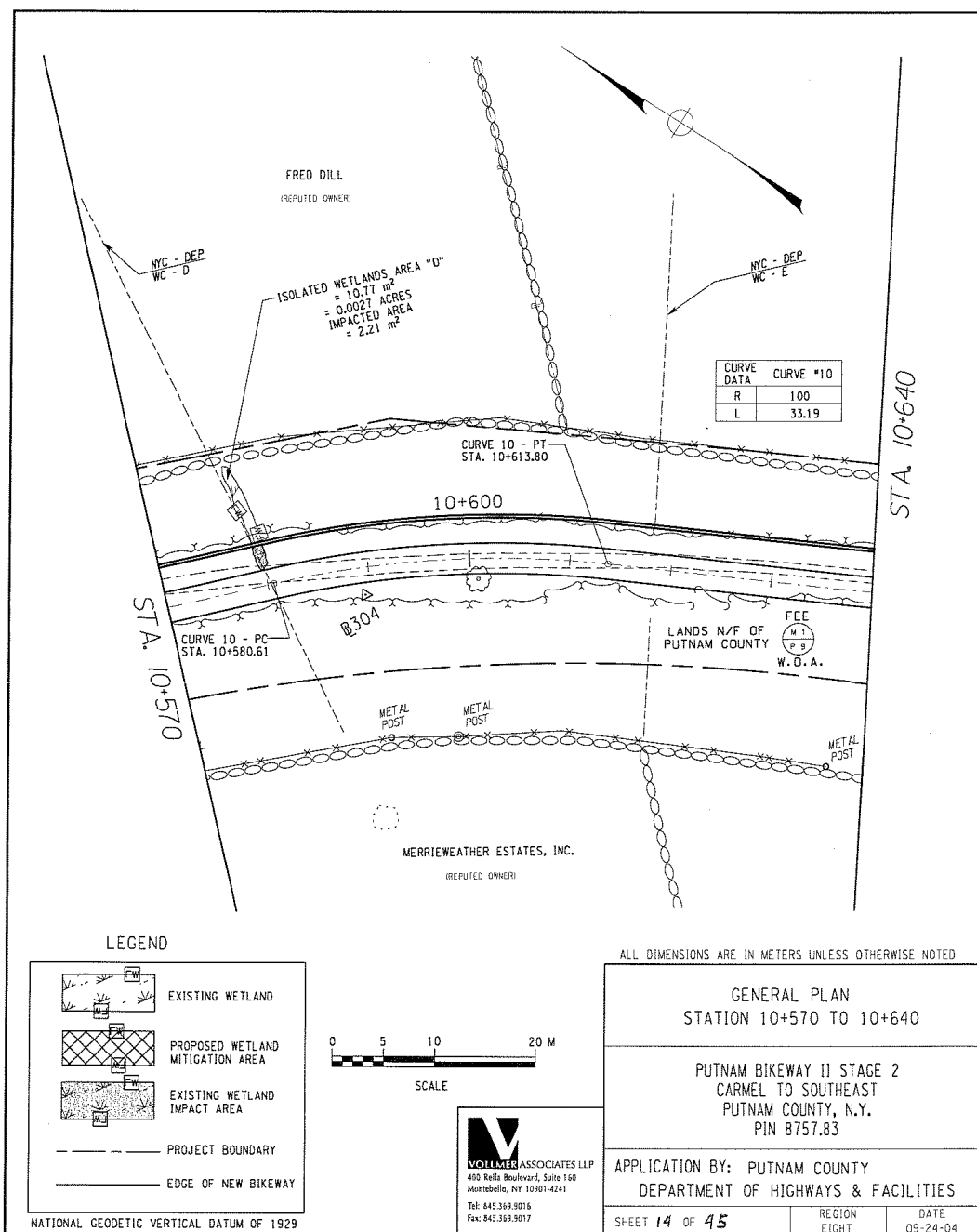
APPLICATION BY: PUTNAM COUNTY
 DEPARTMENT OF HIGHWAYS & FACILITIES

SHEET 13 OF 45

REGION
 EIGHT

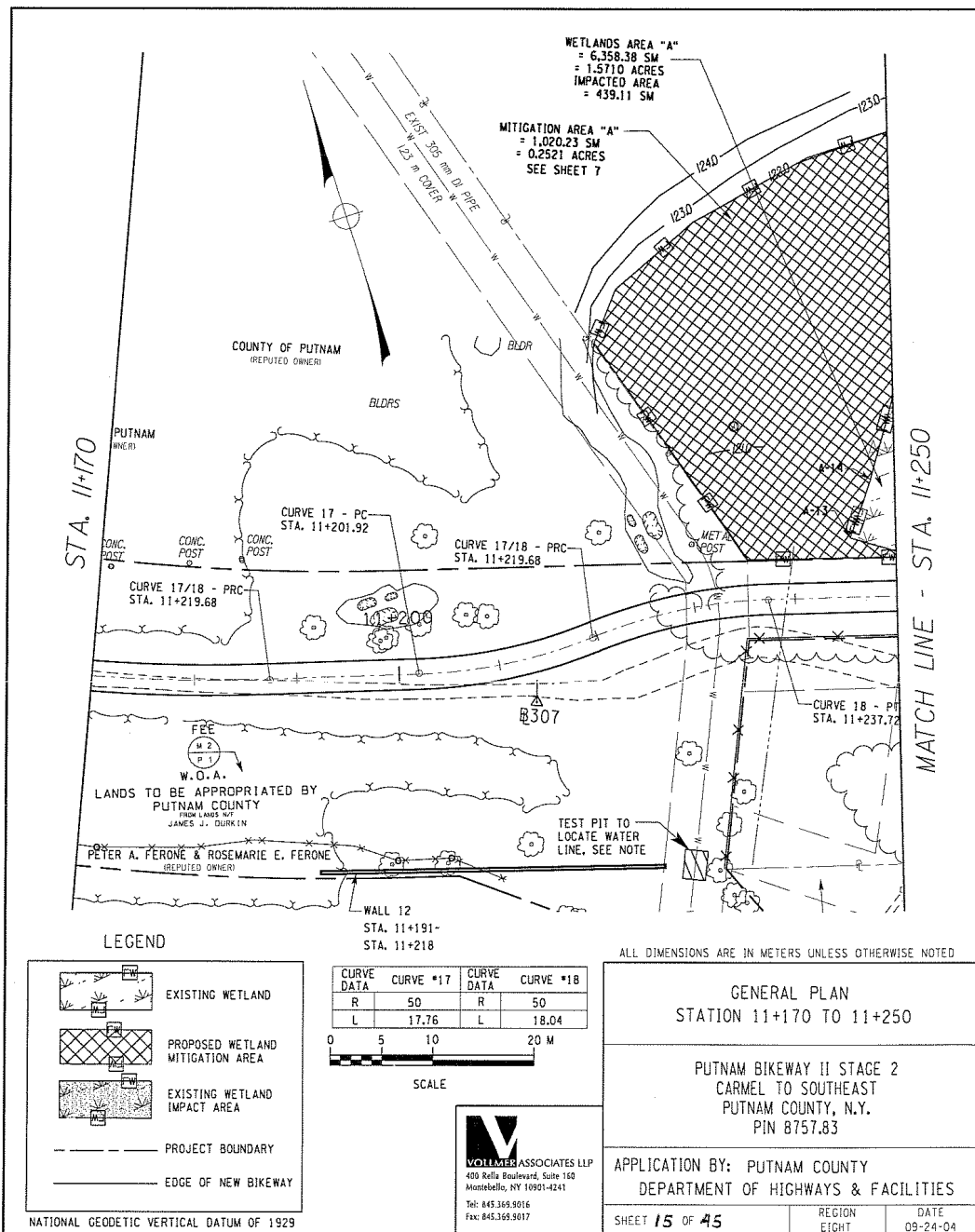
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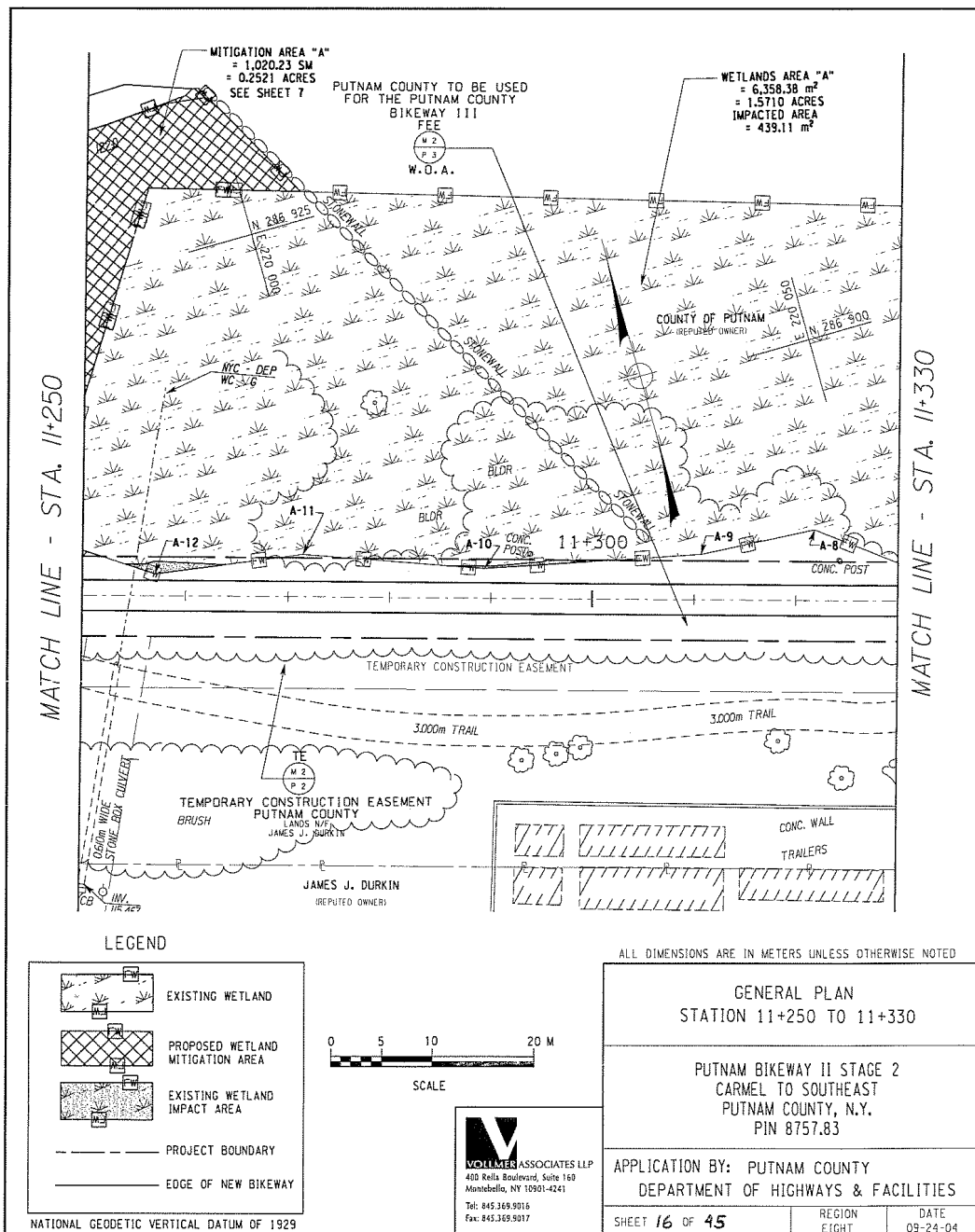
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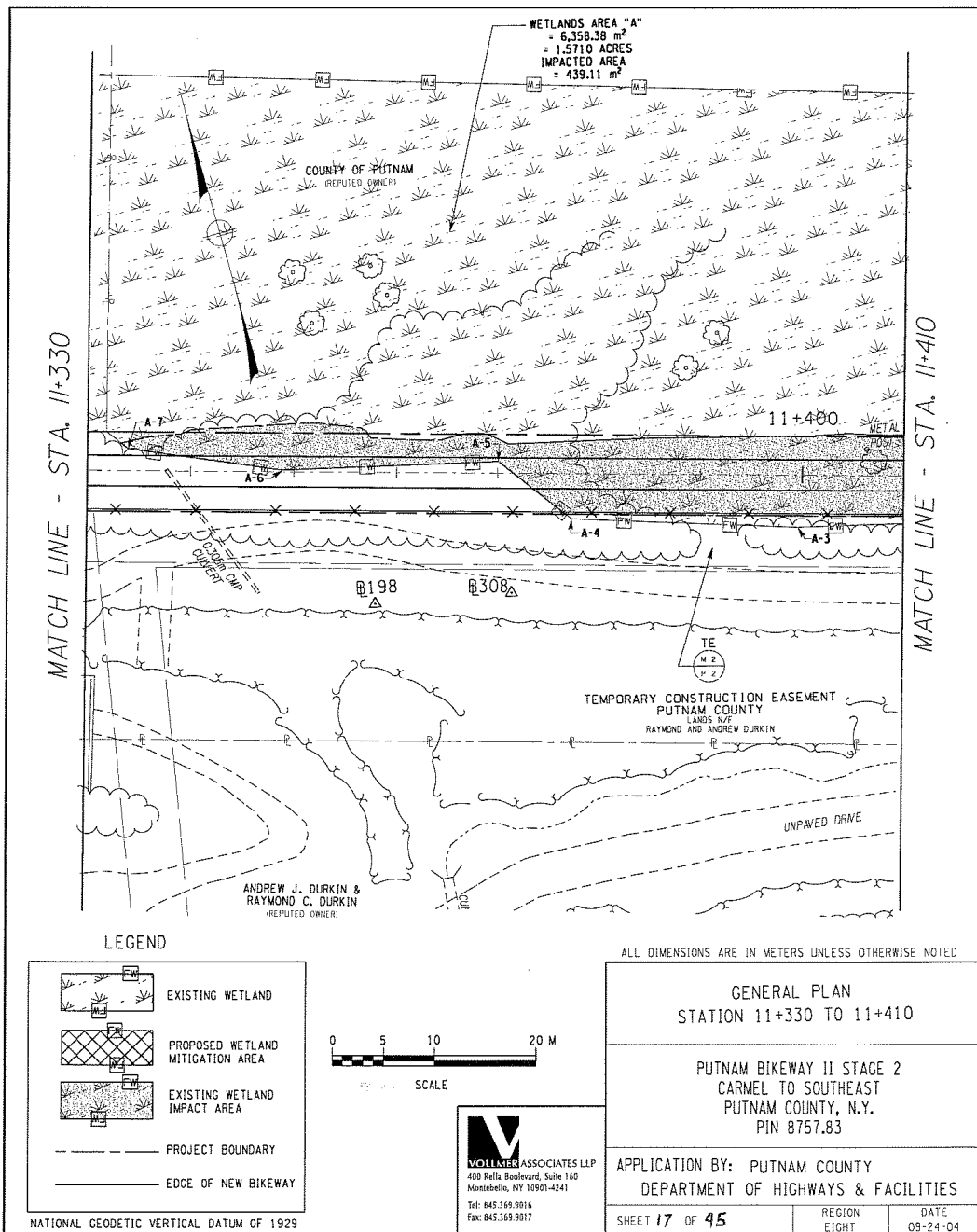


V
 VOILLER ASSOCIATES LLP
 400 Rella Boulevard, Suite 160
 Montebello, NY 10901-4241
 Tel: 845.369.9016
 Fax: 845.369.9017

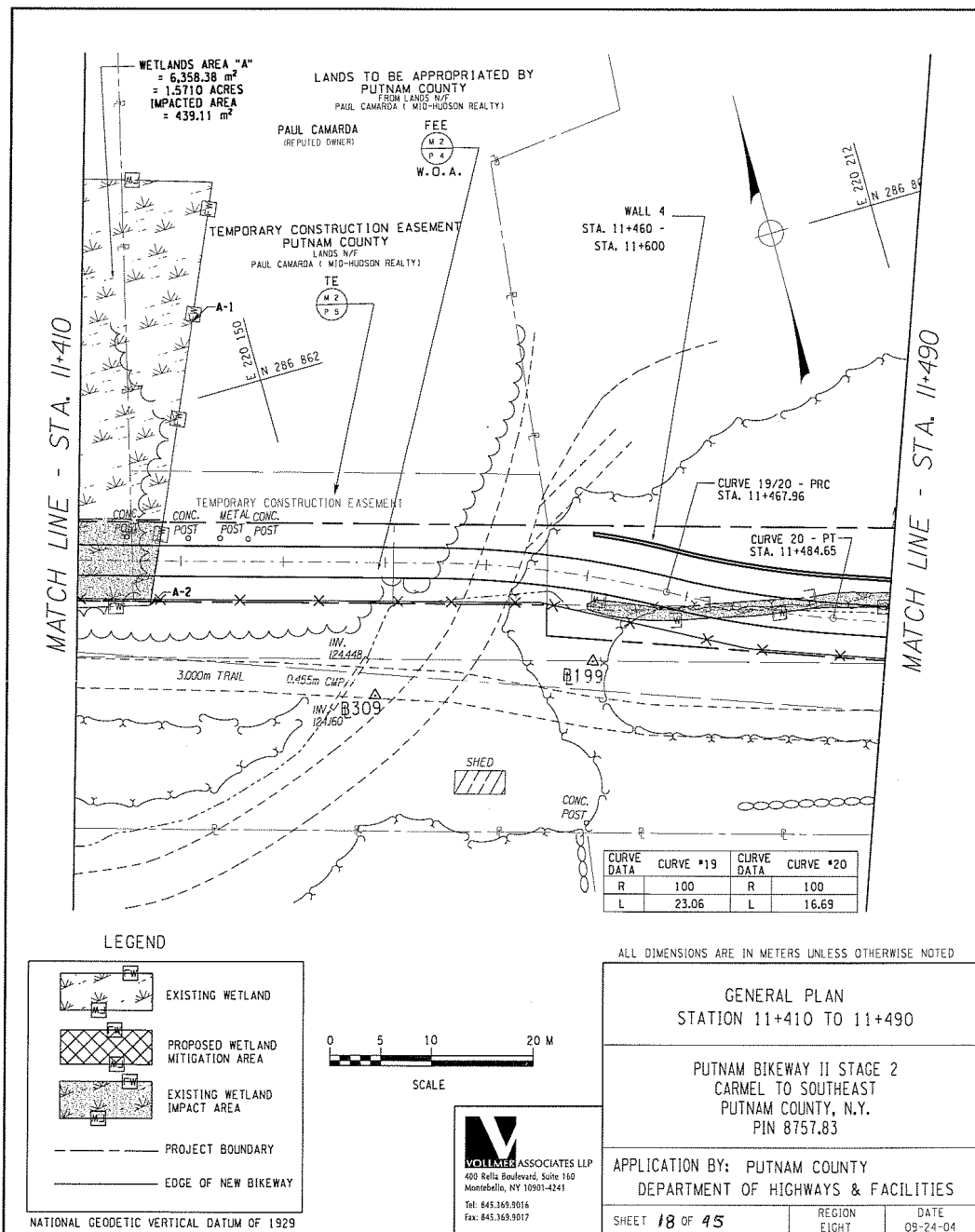
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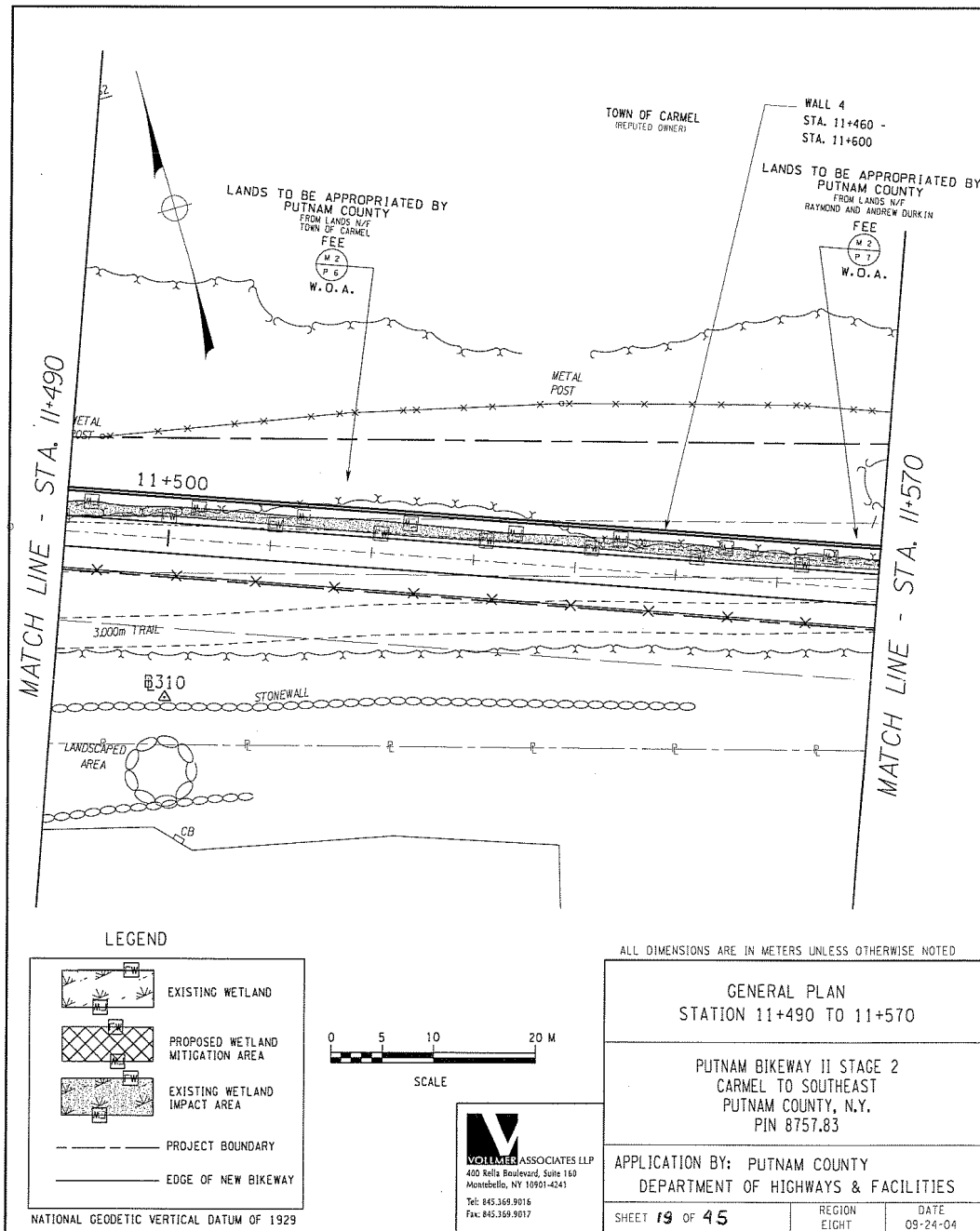
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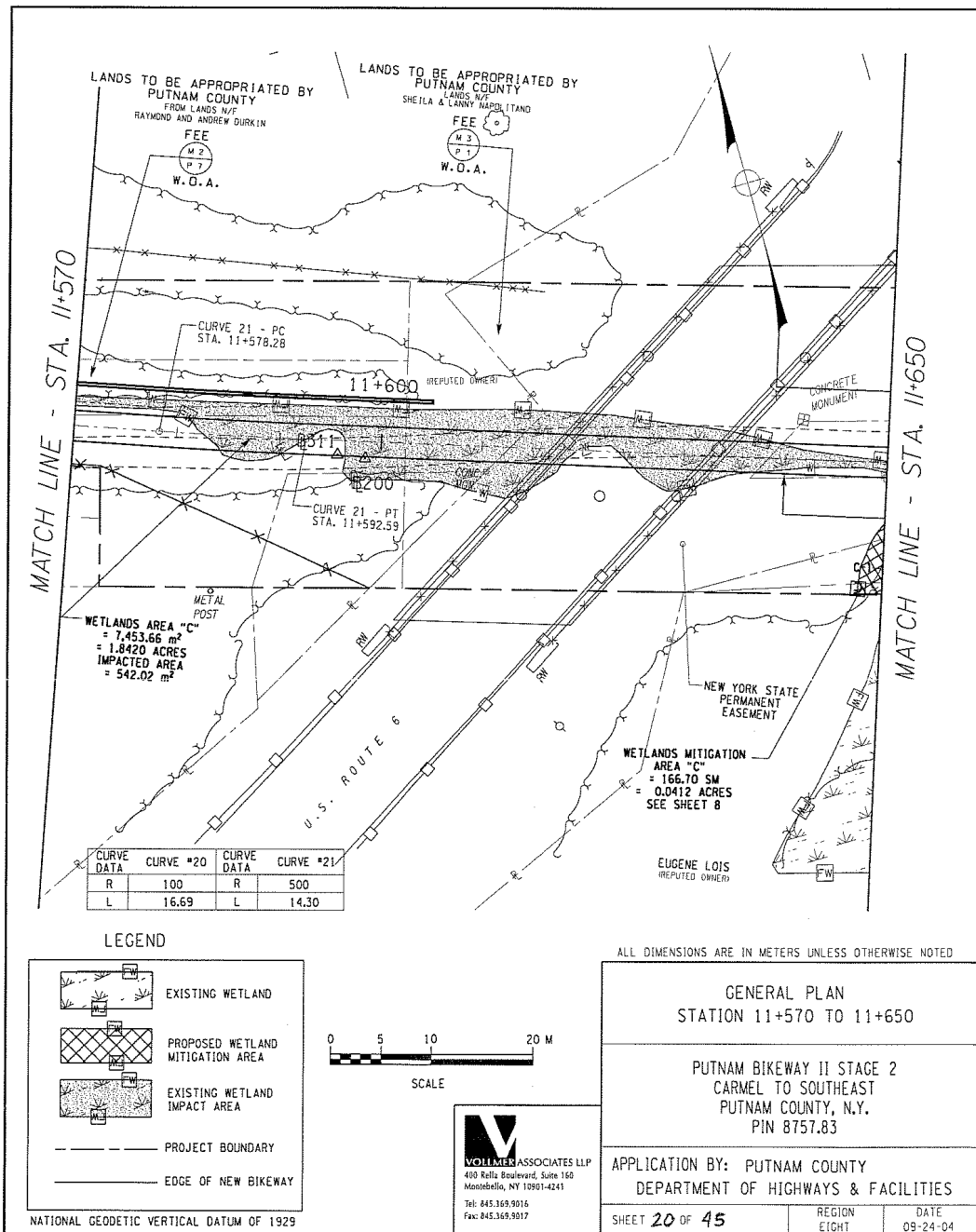


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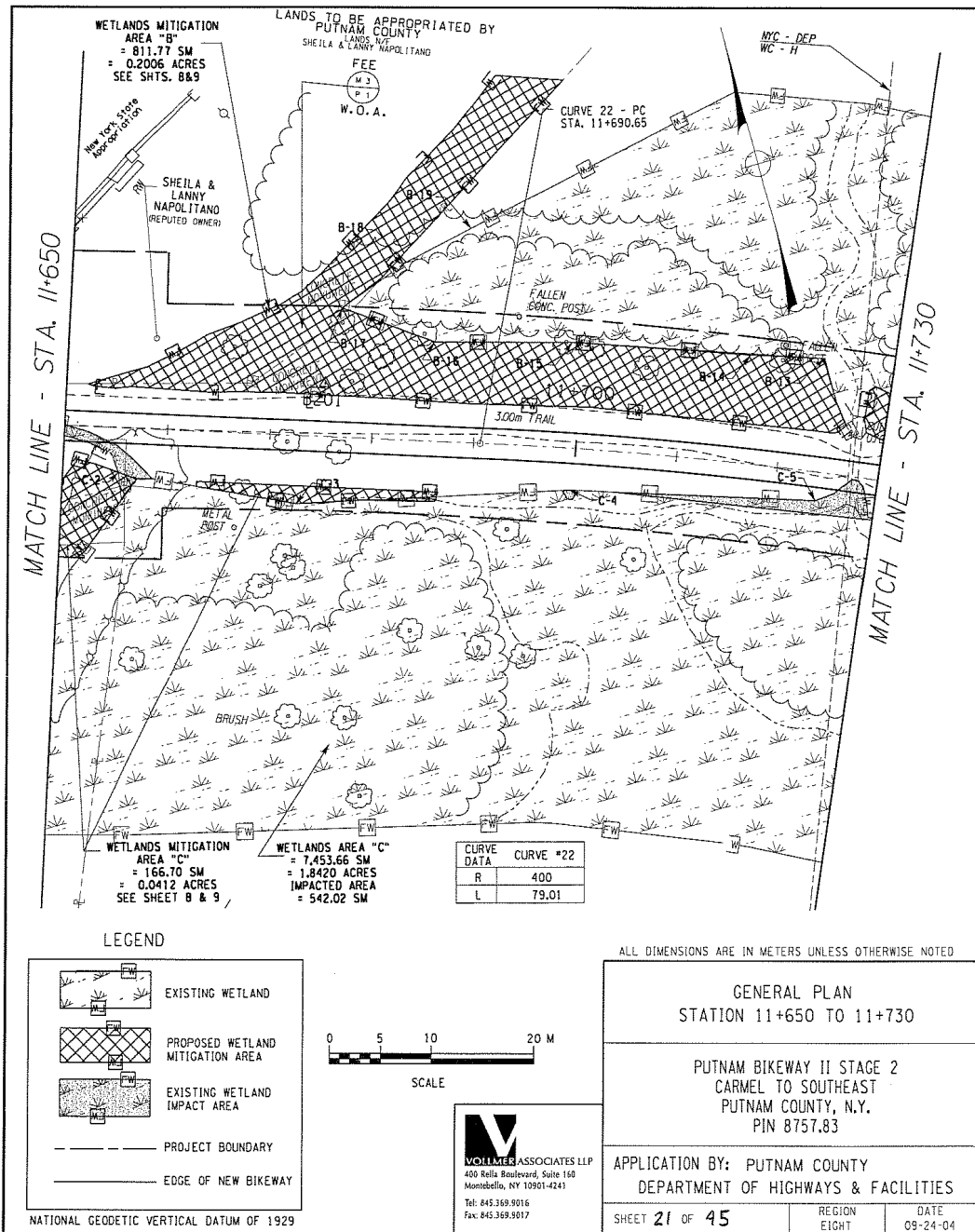


NATIONAL GEODETIC VERTICAL DATUM OF 1929

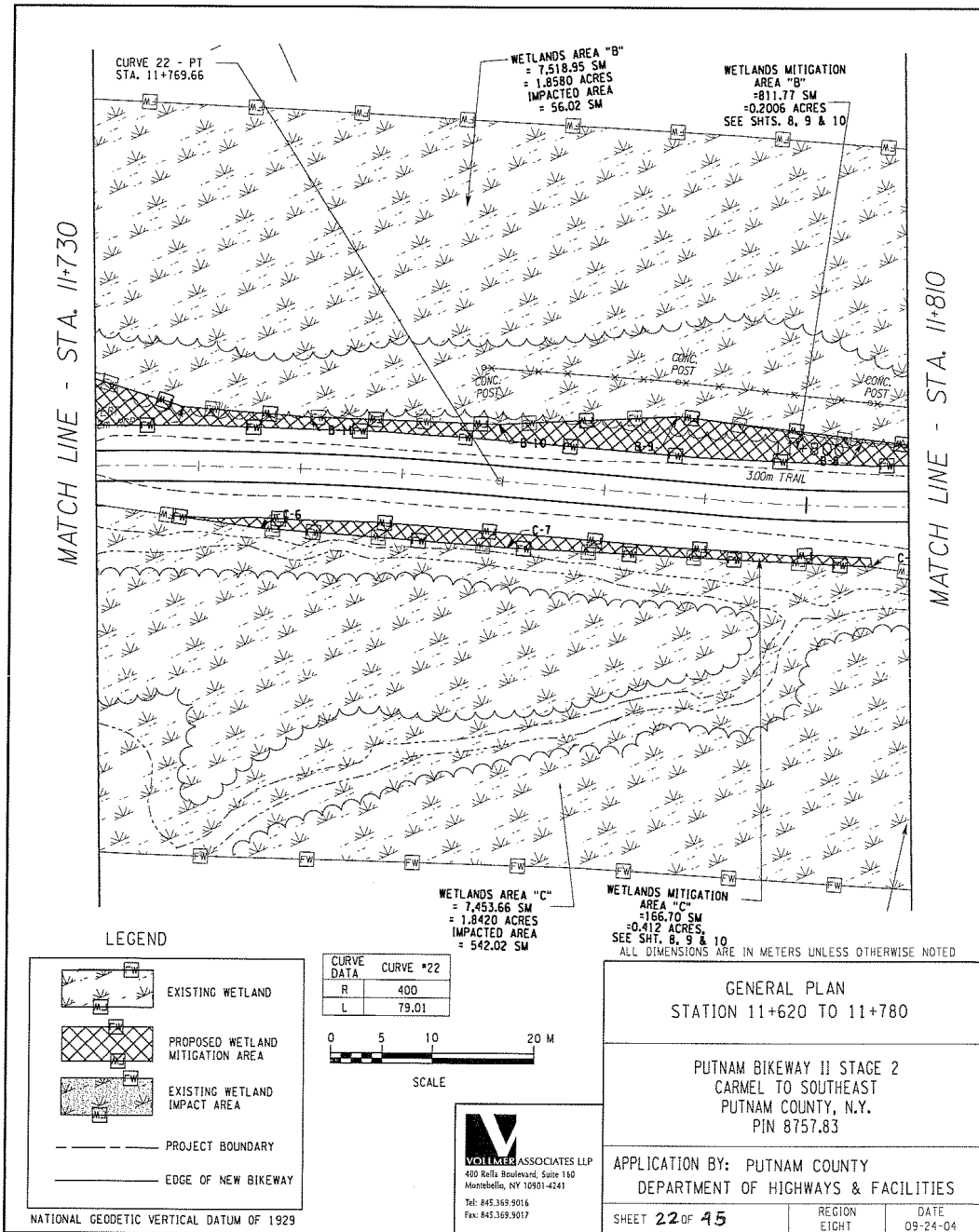
VOLUME ASSOCIATES LLP
 400 Kella Boulevard, Suite 150
 Montebello, NY 10901-4241
 Tel: 845.369.9016
 Fax: 845.369.9017

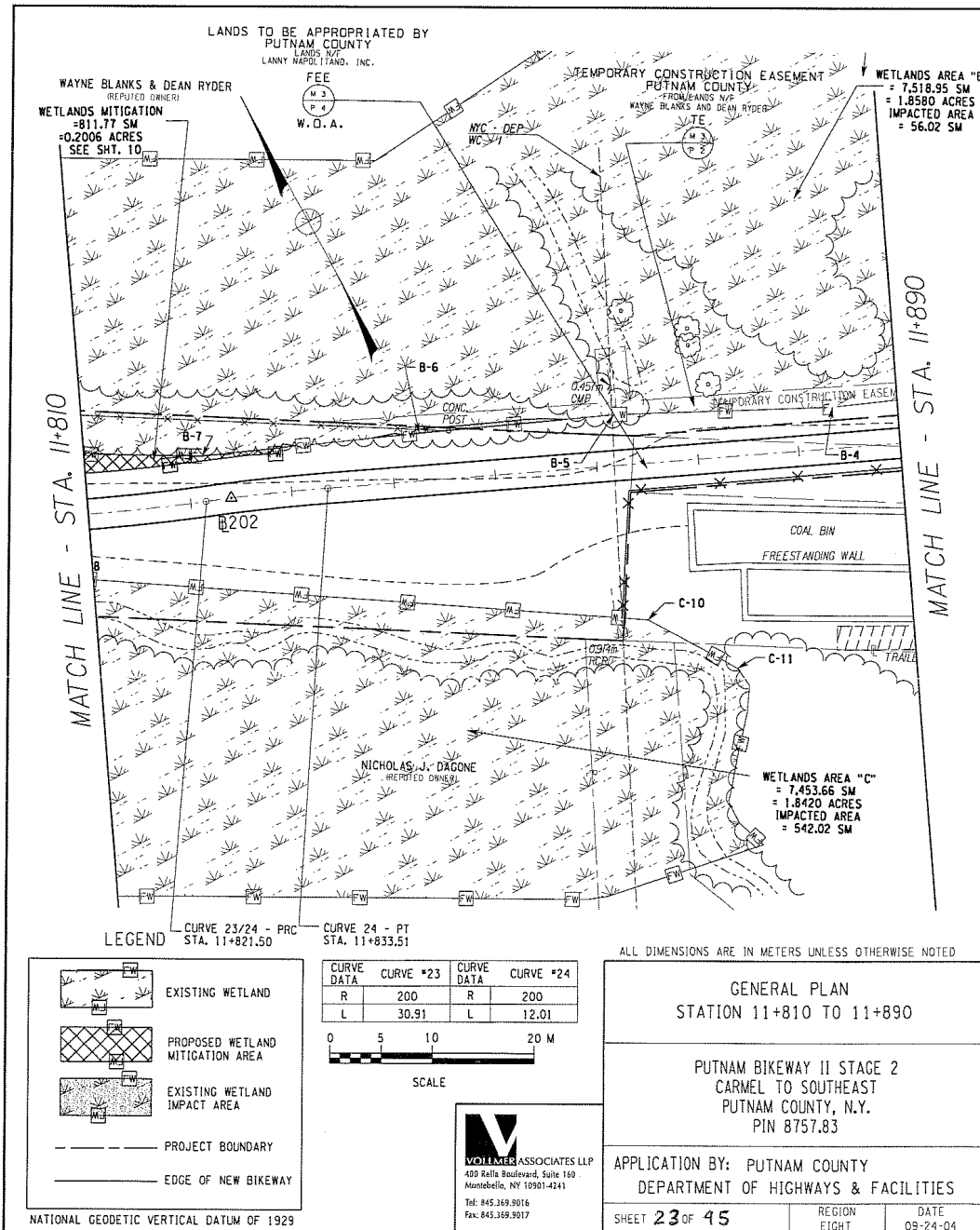


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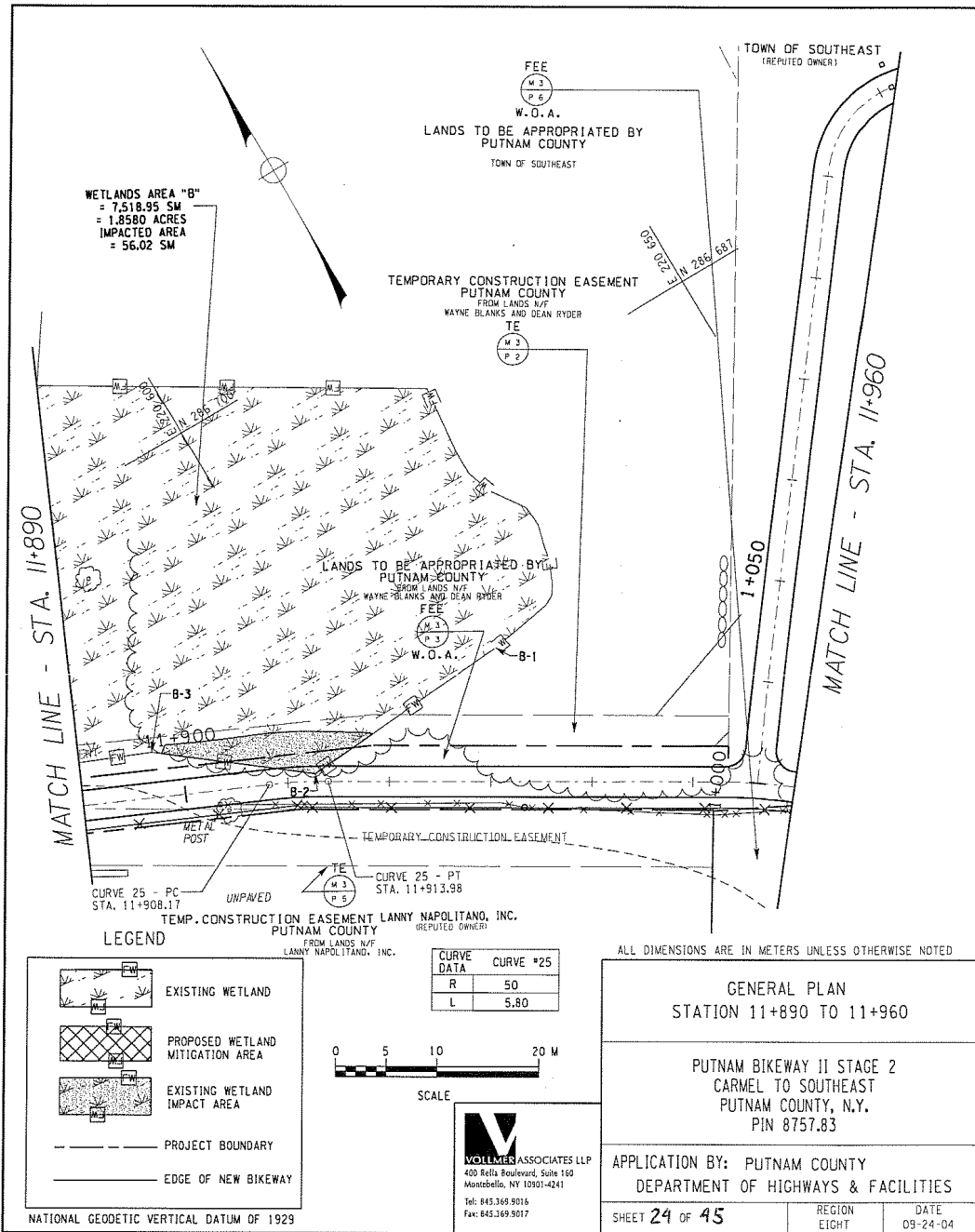


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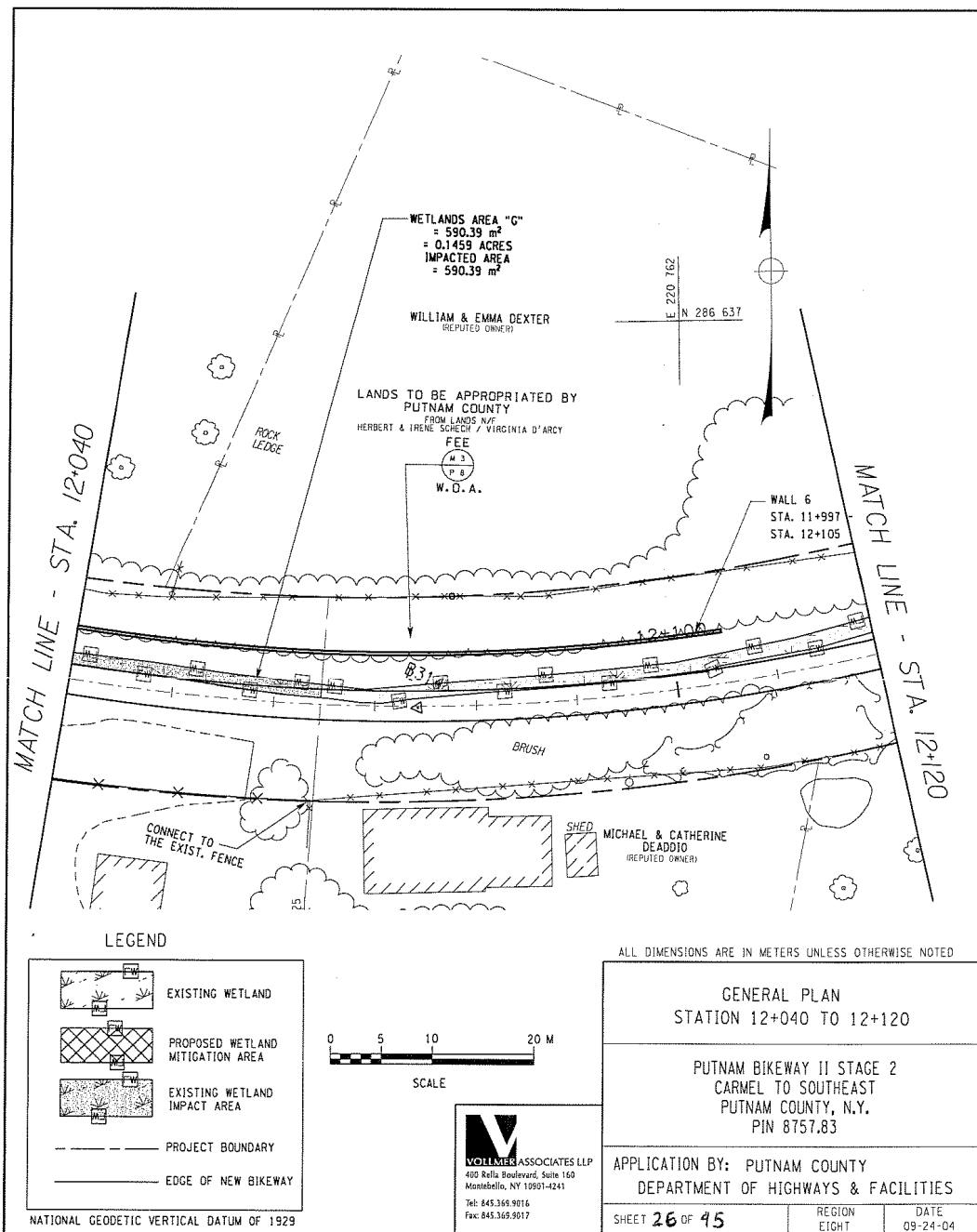


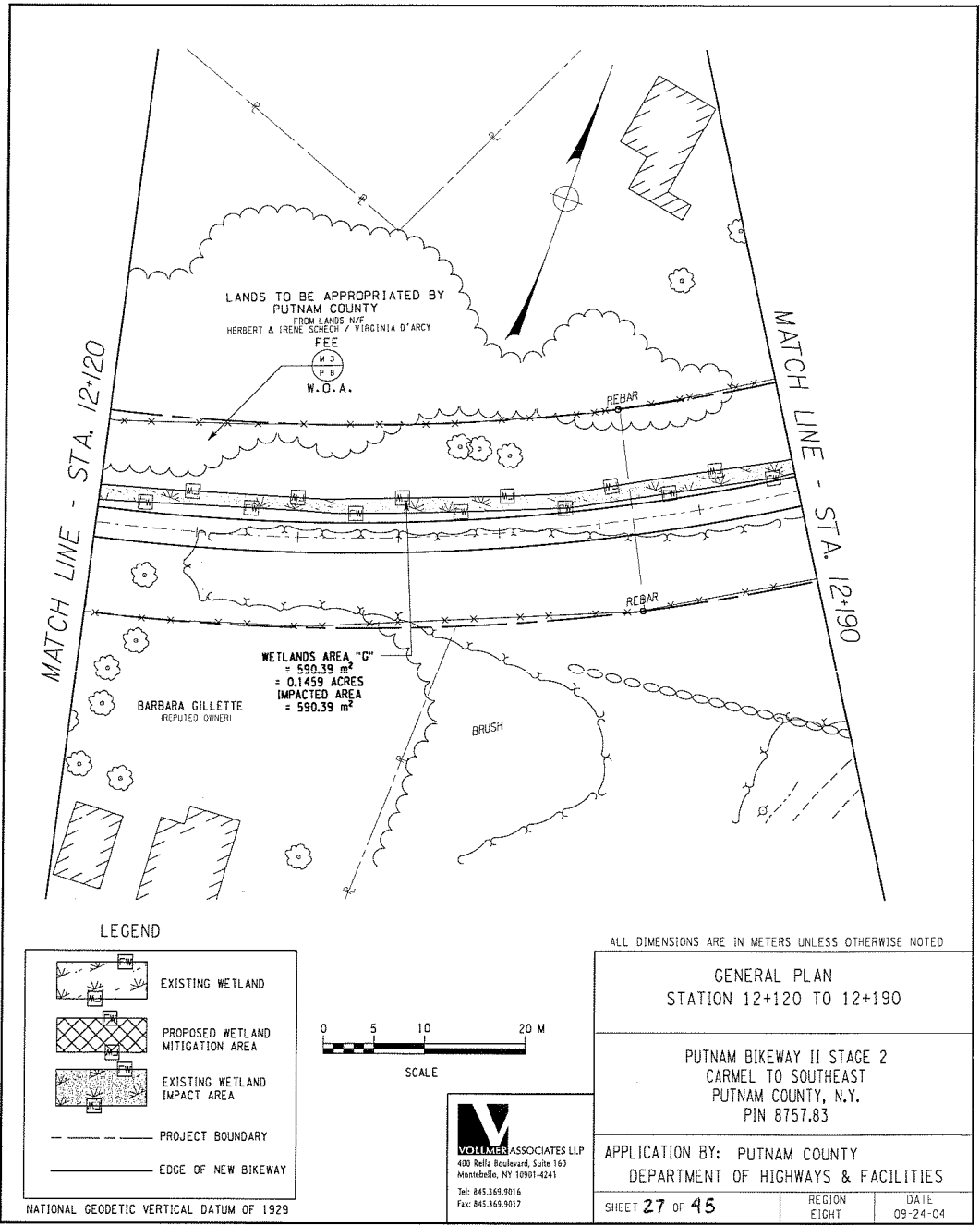


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DATE/TIME : 09/24/04
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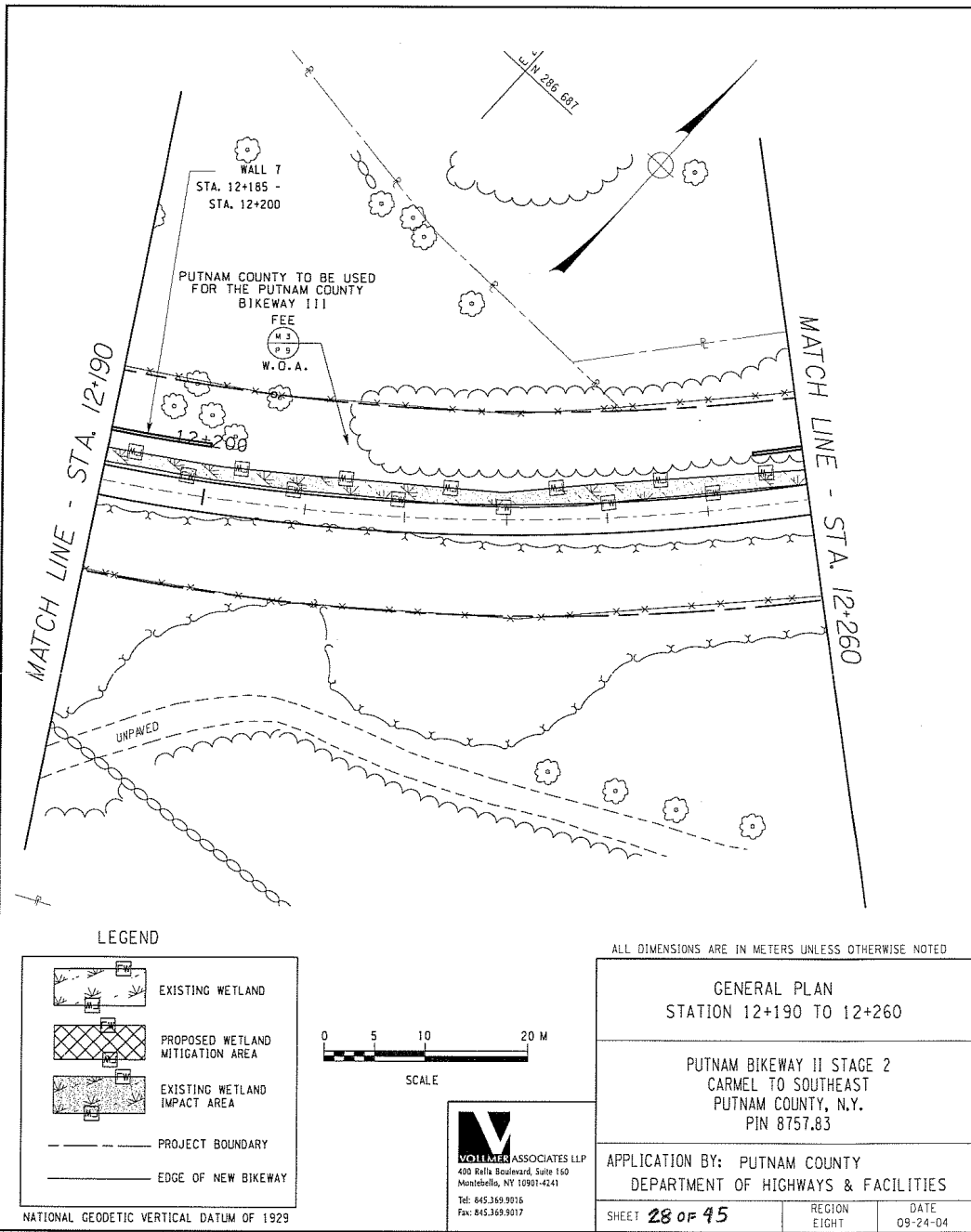




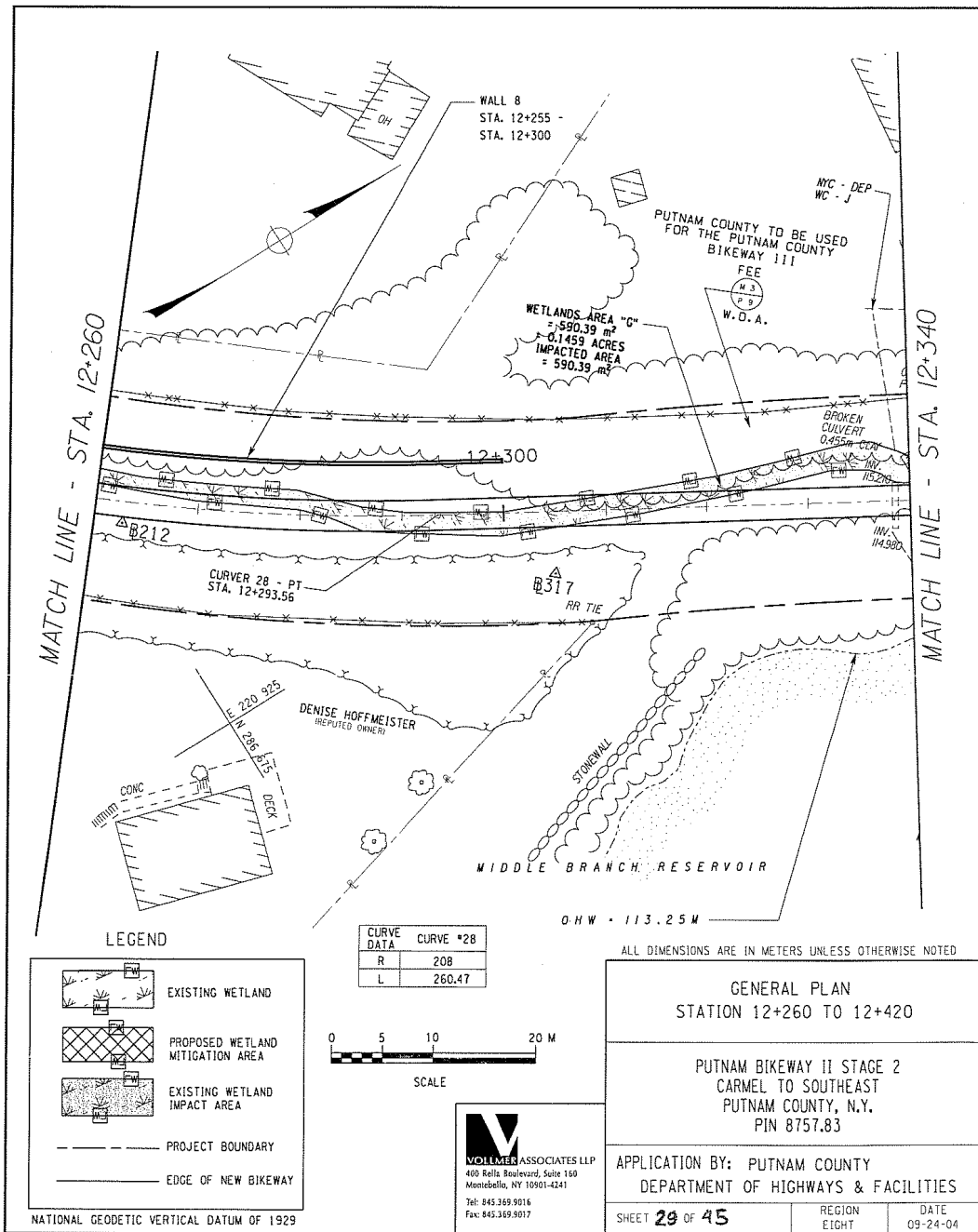
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NATIONAL GEODETIC VERTICAL DATUM OF 1929

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DATE/TIME = DONASSYTIMEO.3456
 USER = DONASSYTIMEO



NATIONAL GEODETIC VERTICAL DATUM OF 1929

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 Fax: 845.369.9017

GENERAL PLAN
 STATION 12+260 TO 12+420

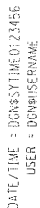
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 PIN 8757.83

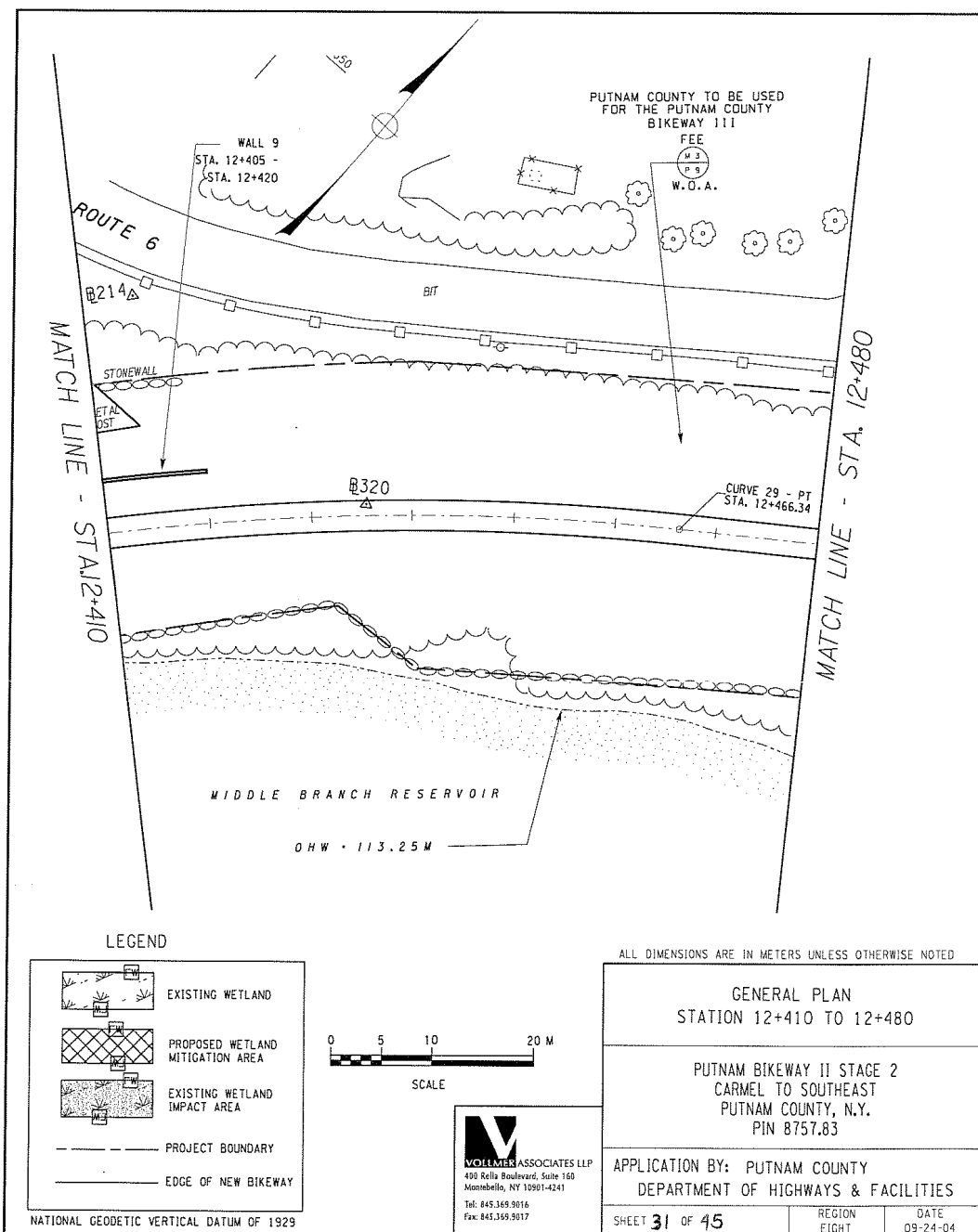
APPLICATION BY: PUTNAM COUNTY
 DEPARTMENT OF HIGHWAYS & FACILITIES

SHEET 29 OF 45

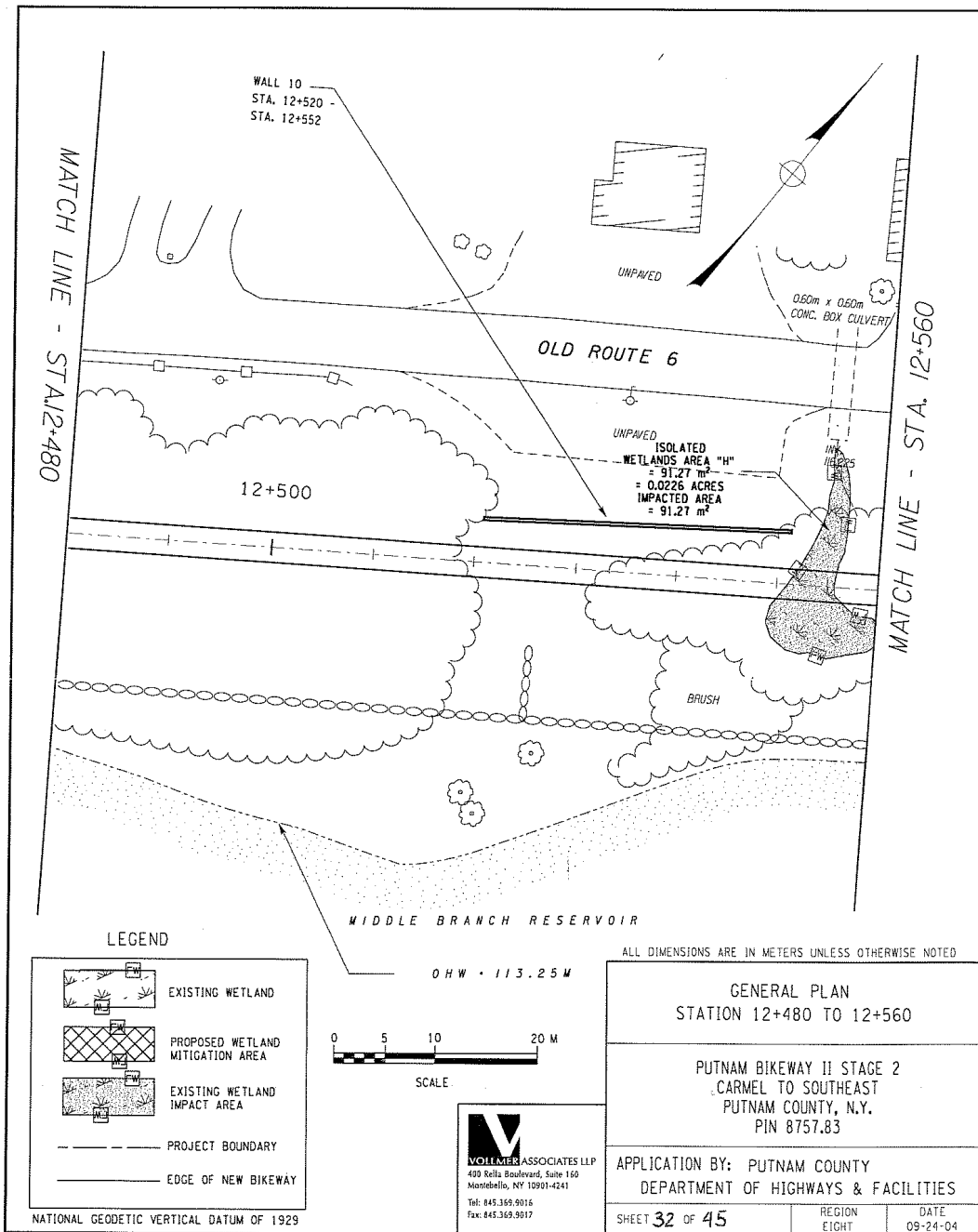
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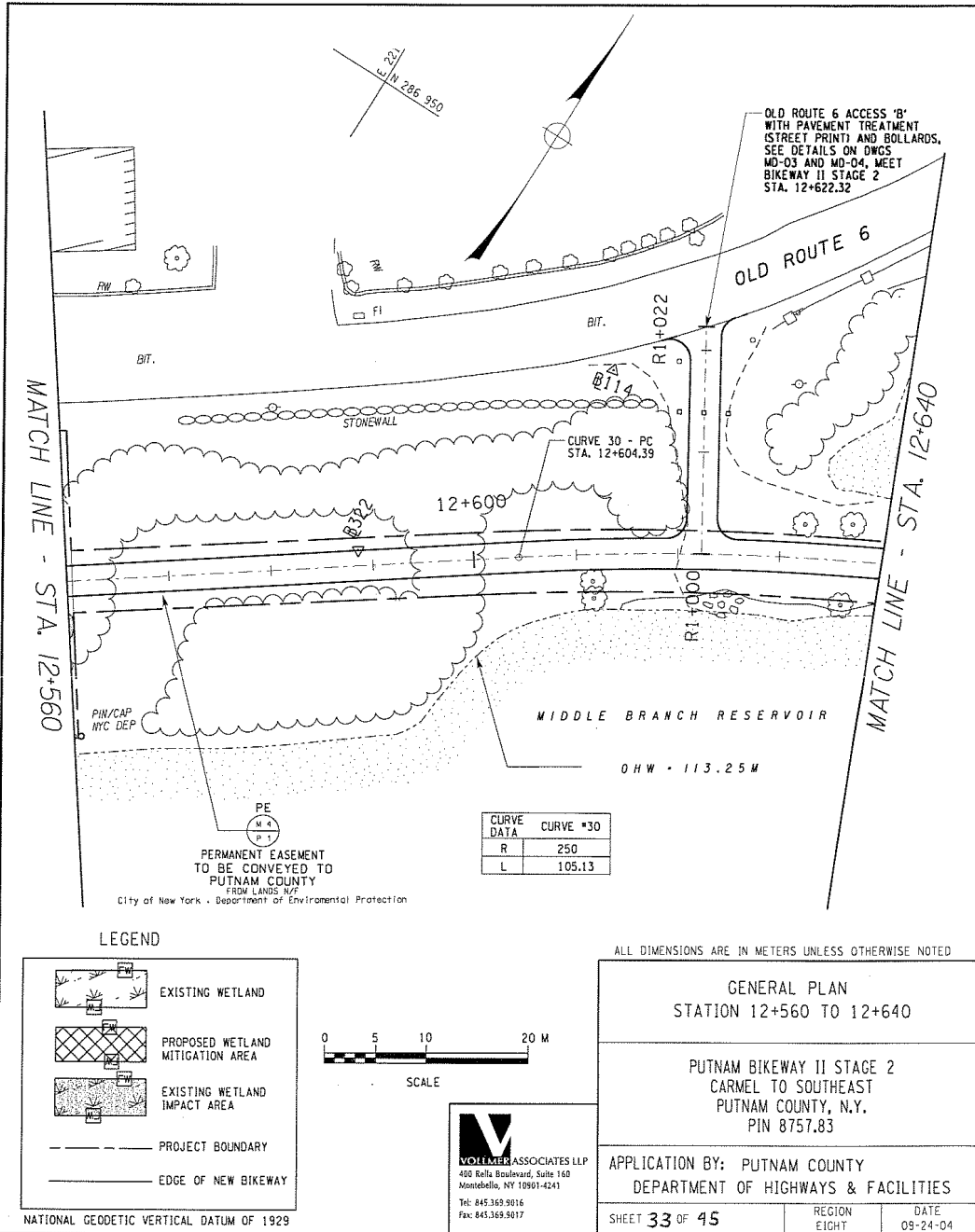
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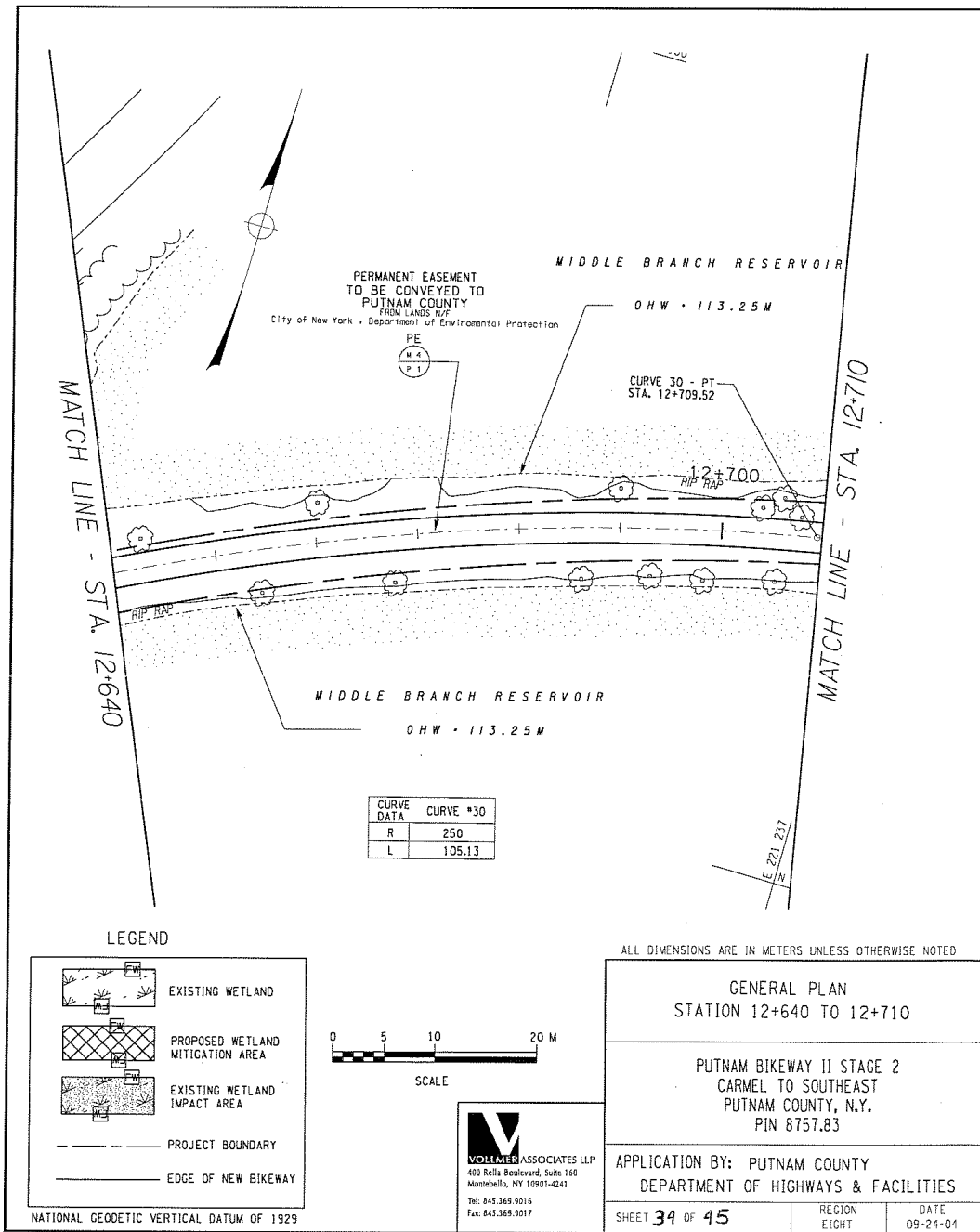




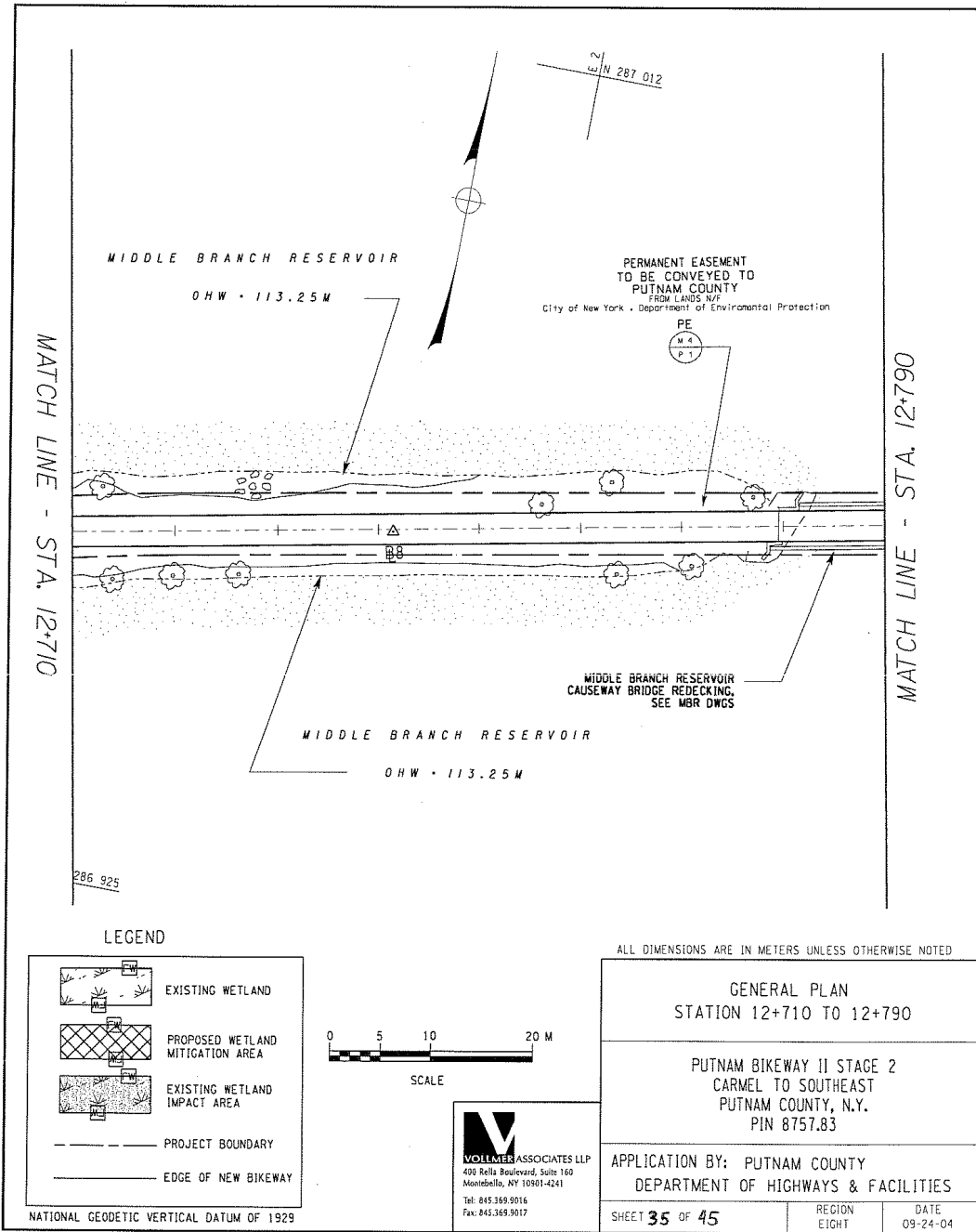
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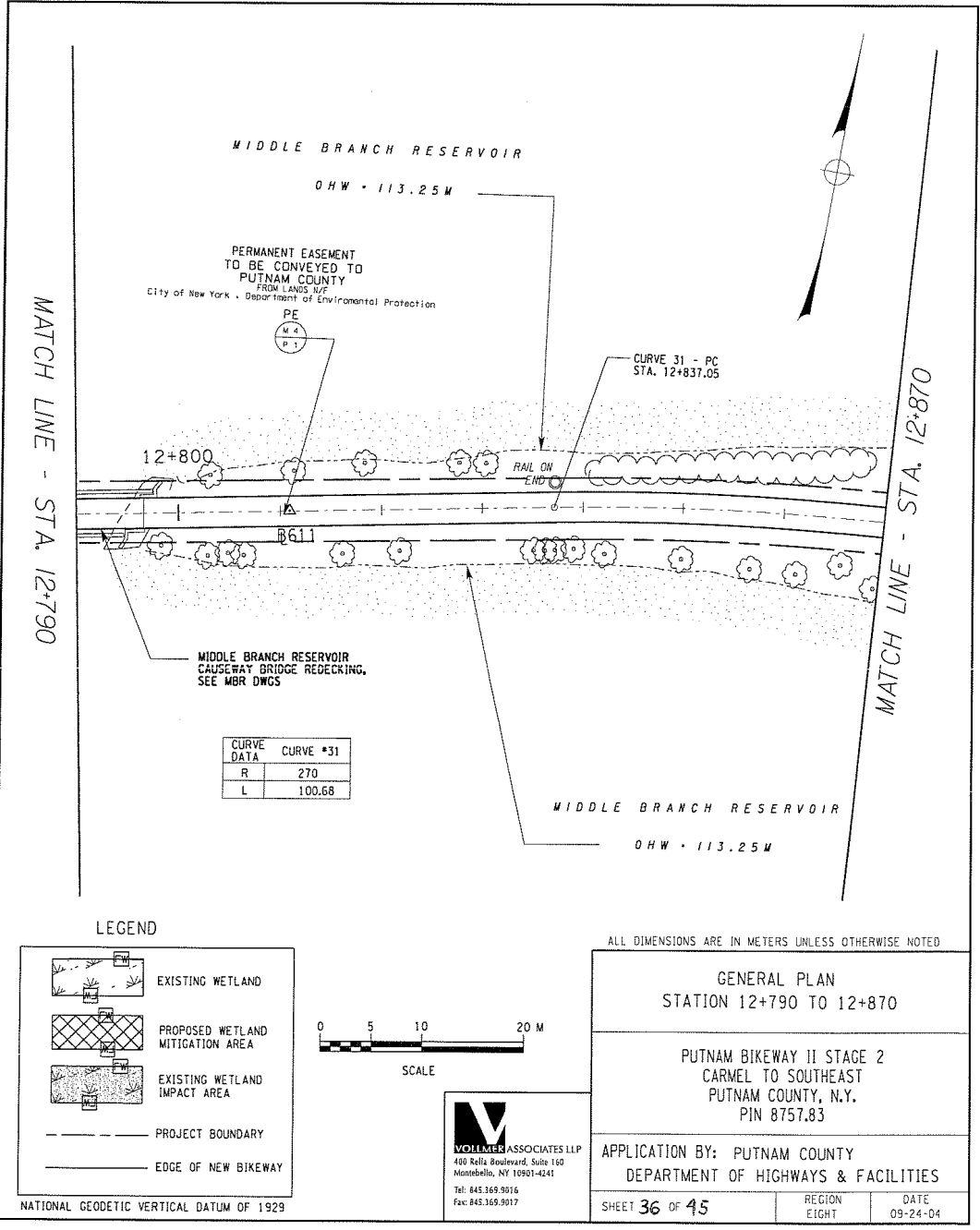
VOLLMER ASSOCIATES LLP
400 Rella Boulevard, Suite 160
Montebello, NY 10901-4241
Tel: 845.369.9016
Fax: 845.369.9017

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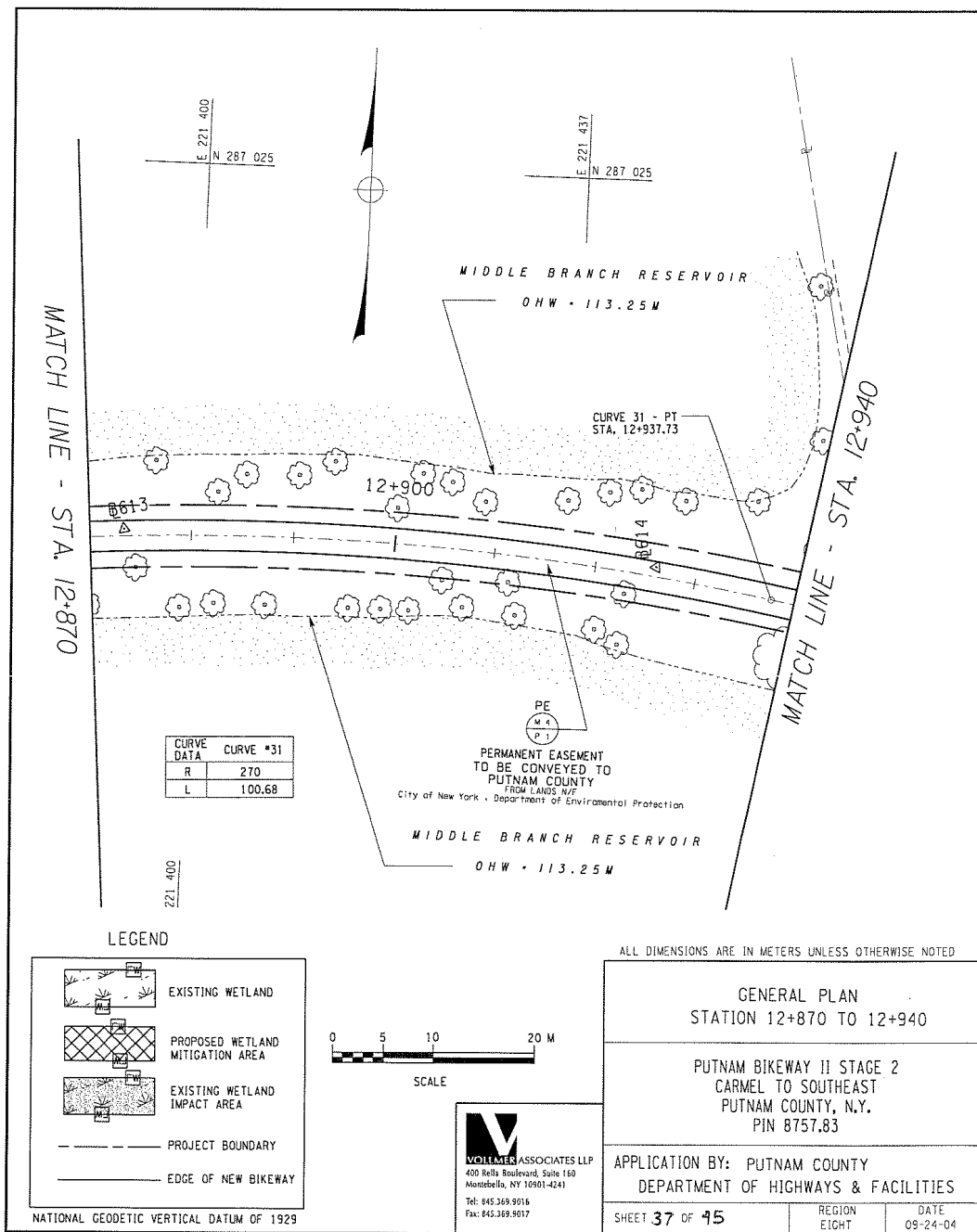




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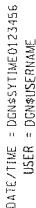
MOHAWK ASSOCIATES LLP
400 Kellen Boulevard, Suite 100
Montebello, NY 10901-4241
Tel: 845.369.9016
Fax: 845.369.9017

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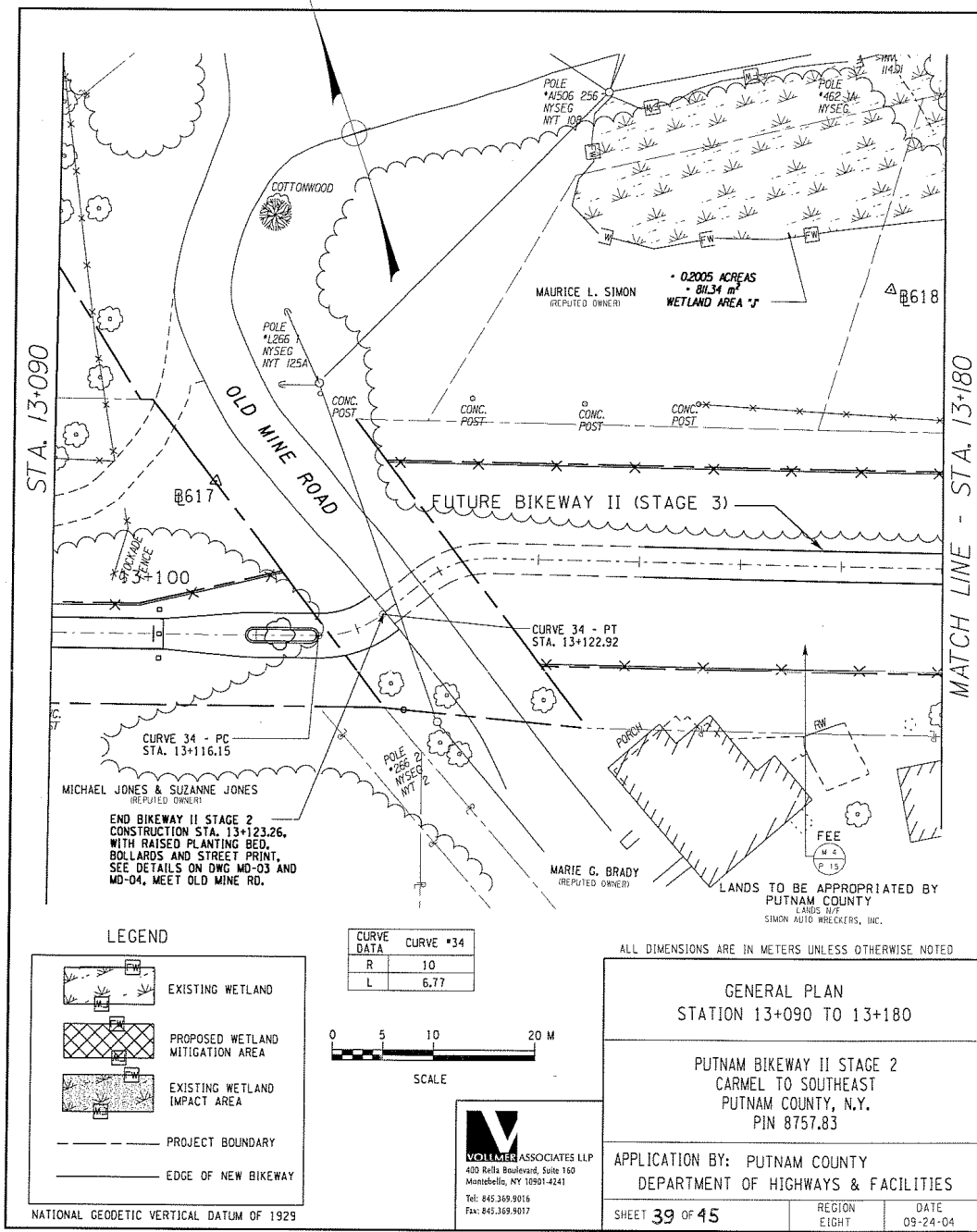


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400 Rella Boulevard, Suite 160
Monticello, NY 10901-4241
Tel: 845.369.9016
Fax: 845.369.9017



DATE/TIME = DONSSYTIME0123456
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LEGEND

- EXISTING WETLAND
- PROPOSED WETLAND MITIGATION AREA
- EXISTING WETLAND IMPACT AREA
- PROJECT BOUNDARY
- EDGE OF NEW BIKEWAY

NATIONAL GEODETIC VERTICAL DATUM OF 1929

CURVE DATA CURVE #34

CURVE DATA	CURVE #34
R	10
L	6.77

0 5 10 20 M
SCALE

VOLLMER ASSOCIATES LLP
400 Rella Boulevard, Suite 160
Montebello, NY 10901-4241
Tel: 845.369.9016
Fax: 845.369.9017

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

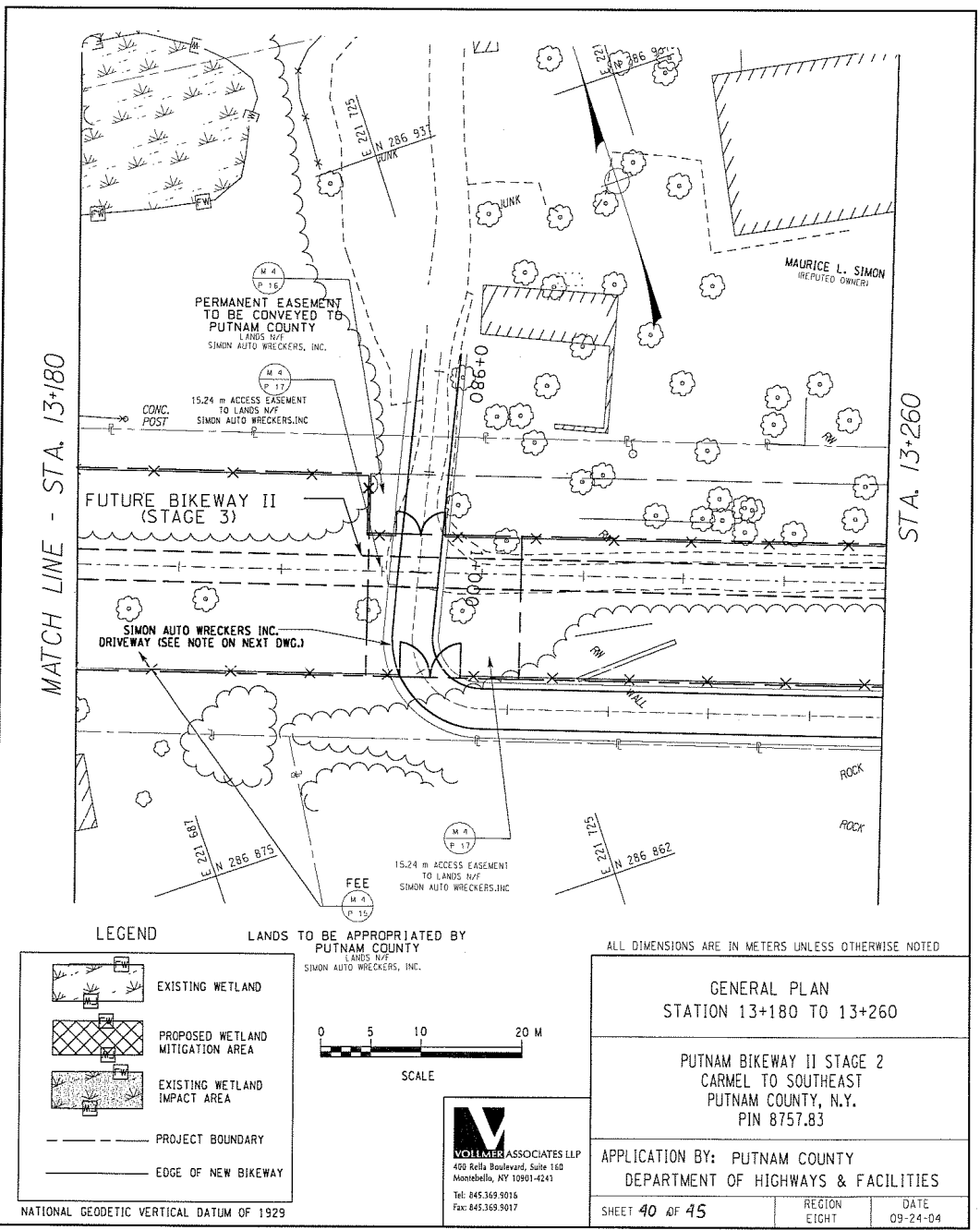
GENERAL PLAN
STATION 13+090 TO 13+180

PUTNAM BIKEWAY II STAGE 2
CARMEL TO SOUTHEAST
PUTNAM COUNTY, N.Y.
PIN 8757.83

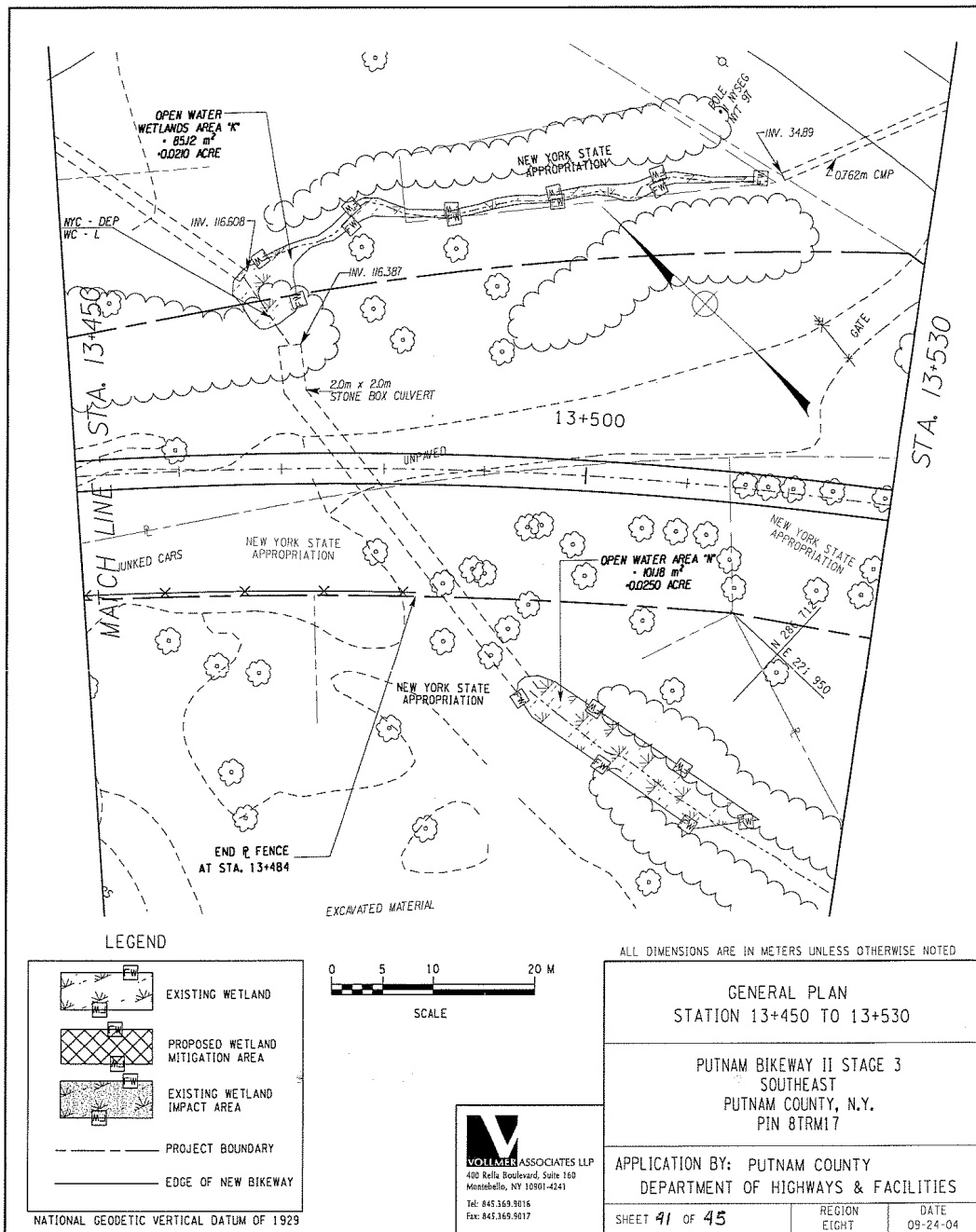
APPLICATION BY: PUTNAM COUNTY
DEPARTMENT OF HIGHWAYS & FACILITIES

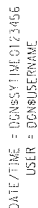
SHEET 39 OF 45	REGION EIGHT	DATE 09-24-04
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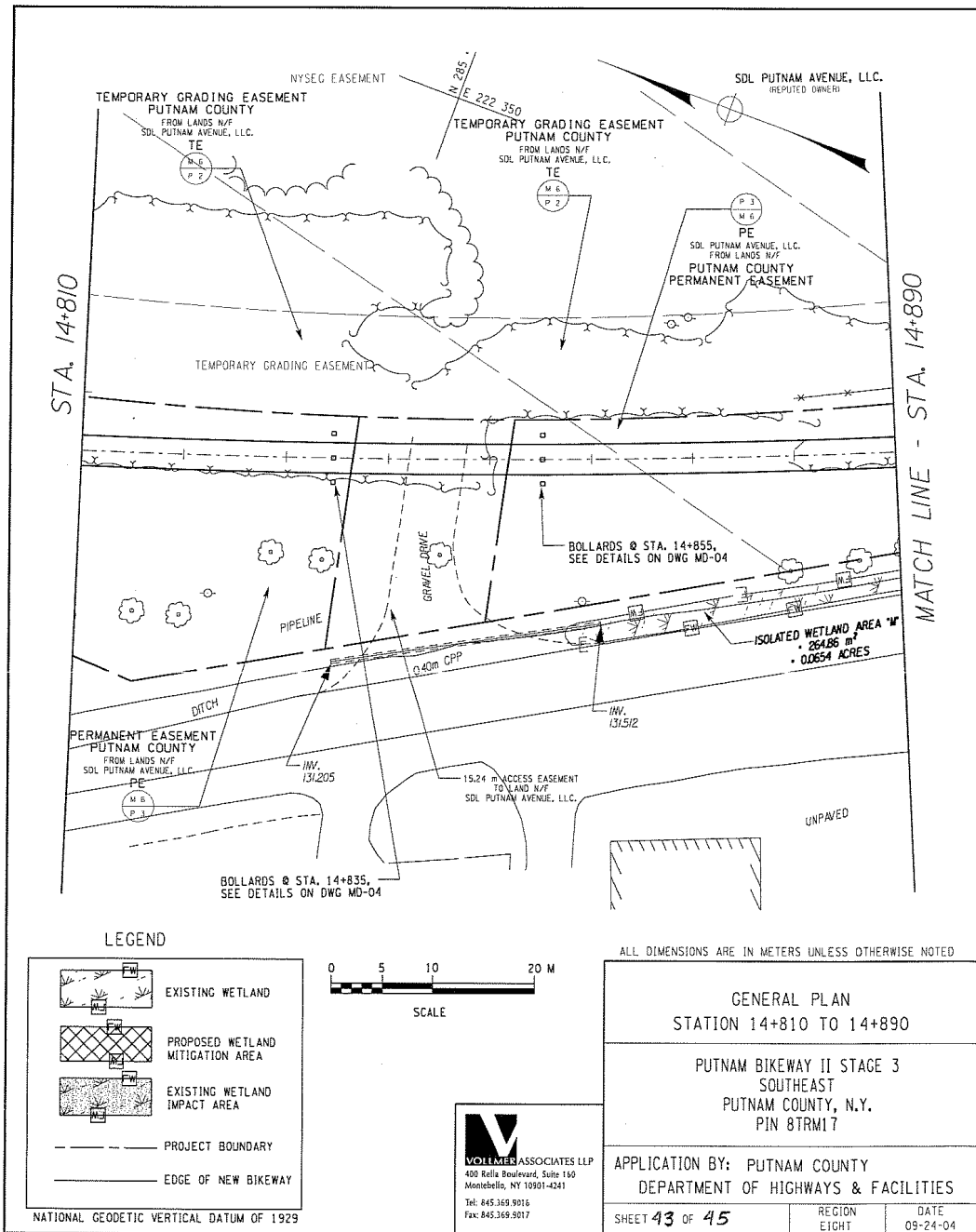


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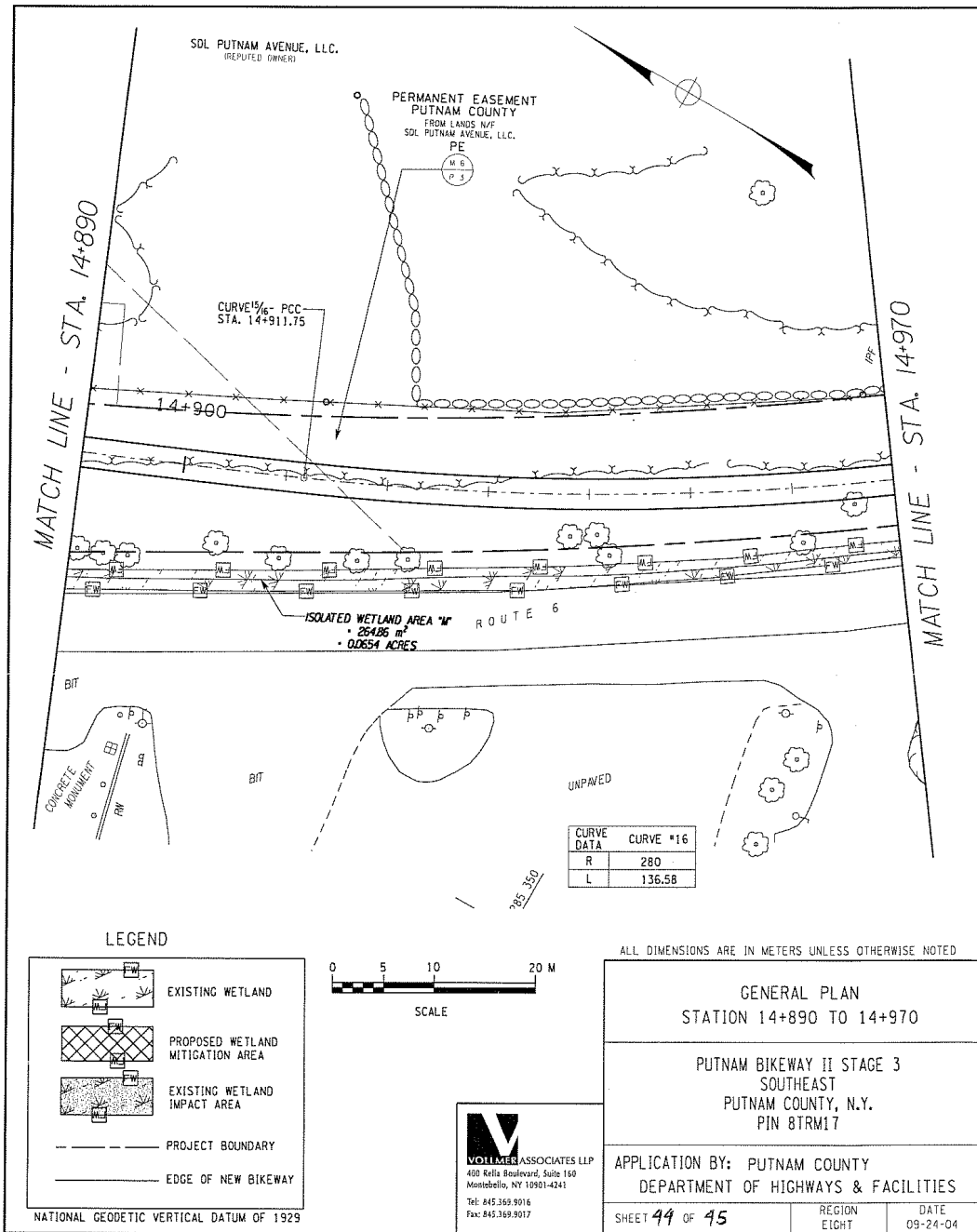


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VOLLMER ASSOCIATES LLP
 400 Rella Boulevard, Suite 150
 Montebello, NY 10901-4241
 Tel: 845.369.9016
 Fax: 845.369.9017

DATE/TIME : DGNSSYTIME.DWG: 3456
 USER : DGNUSERNAME



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 400 Kella Boulevard, Suite 100
 Monticello, NY 10901-4241
 Tel: 845.365.9016
 Fax: 845.369.9017

DATE/TIME : 09/24/04 12:34:56
USER : DCON@USEPRIME

